WOMEN'S COLLEGE

ADJUNCT TO

BROWN UNIVERSITY

ANNUAL ANNOUNCEMENT, ACADEMIC YEAR

1893–94.

Freshman examinations will be held in Rhode Island Hall, beginning Monday, September 18, at 9 A. M. Certificates admitting to Freshman grade without examination should be filed with the Registrar on or before this date.

Sophomore, Junior and Senior examinations will be held on Monday and Tuesday, September 18 and 19.

Candidates for any of the examinations are to report at the Registrar's Office, University Hall, on Monday at 9 A. M.

The Academic Year begins Wednesday, September 20, with Chapel Service in Manning Hall at 8.40 A. M. Immediately after this service the President will deliver an address before the University. At the close of this the classes will begin their sessions according to the Schedule.

On this occasion and at all chapel services women students are welcome, but attendance at chapel services is not required of them.

The elegant and well-lighted building, 235 Benefit Street, near the University, forms the headquarters of the Women's College. It will be open from 9 A. M. till 6 P. M. every week-day during term time, and all members of the classes, as well as all women

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graduates or other women preparing for the Brown University examinations, will be welcome to occupy it, free of charge.

The Courses of Study for the degrees of A. B., B. P., and B. S. will be in the main as presented in the University Catalogue for 1892–93. All essential changes are noted in the following pages of this Announcement.

As nearly all undergraduate applicants for college teaching up to date are of Freshman, Sophomore or Junior grade, regular teaching and a regular Time Schedule will at present be provided only for the first three years. Any women wishing instruction preparatory to Senior examinations will be specially provided for on application to the Dean.

Pupils are also admitted to select courses covering but single terms, and even to work in single branches.

Each applicant for registration in such a course must present to the Dean sufficient evidence of her ability to pursue successfully the subject chosen. Also, every select student, unless especially excused by the Dean and by the Professor in charge of her course, must prepare herself for examination at the completion of her course.

Greek Literature and History

Dr. Newhall and Mr. Greene

1. *Herodotus.* Greek History. Greek Composition. Reading at sight. Supplementary reading and other work. Four hours. First Term. Required of candidates for the degree of Bachelor of Arts.

Mr. Greene

2. *Thucydides.* Greek History. Greek Composition. Reading at sight. Supplementary reading and other work. Four hours. Second Term. Required of candidates for the degree of Bachelor of Arts.

Mr. Greene

3. *Homer.* The Odyssey. The Homeric Question, and various other topics, historical and literary, suggested by this course of reading. Greek Composition. Reading at sight. Supplementary reading and

other work. Four hours. Third Term. Required of candidates for the degree of Bachelor of Arts.

Mr. Greene

4. *Demosthenes.* The Public Orations. Reading at sight. Lectures on Athenian Oratory. Supplementary reading and other work. Three hours. First Term. Elective for Sophomores.

Dr. Newhall

5. *Aeschylus.* Development of Greek Tragedy. Reading at sight. Supplementary reading and other work. Three hours. Second Term. Elective for Sophomores.

Dr. Newhall

6. *Sophocles.* Lectures on the History of Greek Tragedy, and on the Relation of the Drama to the Religion and Culture of the Greeks. Reading at sight. Supplementary reading and other work. Three hours. Third Term. Elective for Sophomores.

Dr Newhall

Roman Literature and History

Professor Harkness and Mr. Everett

1. *Livy.* Early Roman History. Four hours. First Term. Required of candidates for the degree of Bachelor of Arts.

Mr. Everett

2. *Cicero.* Letters. Cicero and his Times. Four hours. Second Term. Required of candidates for the degree of Bachelor of Arts.

Mr. Everett

3. *Tacitus.* Germania and Agricola. History of the Early Empire. Four hours. Third Term. Required of candidates for the degree of Bachelor of Arts.

Mr. Everett

4. *Horace.* Odes and Epodes. Ovid's Lyrics. Lectures on Lyric Poetry. Three hours. First Term. Elective for Sophomores.

Professor Harkness

5. *Catullus, Tibullus and Propertius.* Lyric Poetry continued. Three hours. Second Term. Elective for Sophomores.

Professor Harkness

6. *The Satires of Horace and Juvenal.* Roman Life. Three hours. Third Term. Elective for Sophomores.

Professor Harkness

Romance Languages and Literatures

FRENCH

PROFESSOR LANGDON

1, 2, 3. Modern Novels and Plays. Three hours, through the year. Required of Freshman Class.

PROFESSOR LANGDON

4, 5, 6. *Le Romantisme Français.* Literary study of the authors of Romantic schools, especially of the masterpieces of Victor Hugo. Lectures and readings in the original, illustrated by reference to English authors, and to the corresponding movement in French Art. Three hours, through the year. Elective for all who have passed in Courses 1, 2, 3.

PROFESSOR LANGDON

7, 8, 9. *Classical French.* Literature of the Seventeenth Century. The masterpieces of Corneille, Molière, Racine and La Fontaine read in the original and discussed in French. Lectures. Three hours. First, Second and Third Terms respectively. Elective for Sophomores who have passed with credit in Course 2, or are specially admitted by the instructor.

PROFESSOR LANGDON

ITALIAN

1, 2, 3. *Introductory Course.* Grammar, composition and reading of modern stories and plays. Three hours, through the year. Elective after the Freshman year.

PROFESSOR LANGDON

7, 8, 9. *Dante in English.* Lectures on the Divina Commedia, based upon Professor Norton's translation, intended for all literary students who cannot give two years to the study of the Italian language. One hour, through the year. Open to Juniors and Seniors.

PROFESSOR LANGDON

Germanic Languages and Literatures

PROFESSOR WILLIAMS AND DR. JEWETT

1. *Elementary Course.* Whitney's Brief German Grammar, study of forms and composition, and reading of easy selections from Brandt's German Reader. Three hours. First Term. Required of Sophomores.

DR. JEWETT

2. *Intermediate Course.* Study of syntax, themes in composition, and reading of selections in prose and verse from Grube, Richter, Freytag, Dielitz, Goethe, Schiller, Heine, Uhland. Considerable reading at sight.

DR. JEWETT

3. *Heine.* A study of the Life and Works of Heine, with extended readings in his Lyrics. Considerable reading at sight. Three hours. Third Term. Required of Sophomores.

DR. JEWETT

4. *Schiller.* A study of Schiller's Dramatic Works, with lectures by the instructor and essays by the class. One complete drama will be read in class. Three hours. First Term. Elective for those who have taken Courses 1, 2, and 3.

PROFESSOR WILLIAMS

5. *Schiller.* A study of Schiller's *Balladen und Romanzen*, with lectures by the instructor and essays by the class. Three hours. Second Term. Elective for those who have taken Courses 1, 2, and 3.

PROFESSOR WILLIAMS

6. *Lessing.* A study of Lessing's Dramatic Works, with lectures by the instructor and essays by the class. One complete drama will be read in class. Three hours. Third Term. Elective for those who have taken Course 5.

PROFESSOR WILLIAMS

7, 8, 9. *Goethe.* A course in the study of Goethe's Dramatic Works, with lectures by the instructor and essays by class. *Iphigenie*, *Egmont* and *Faust* will be read in class. Elective for those who have taken Courses 4, 5, and 6.

PROFESSOR WILLIAMS

English Literature and Language

PROFESSORS SEARS AND BRONSON, AND DEAN SNOW.

7, 8, 9. *Nineteenth-Century English Poetry.* Three hours, through the year. Elective for Sophomores and Juniors.

PROFESSOR BRONSON

a. The English Bible as an English Classic. Three hours. First Term. Elective for Sophomores and Juniors.

PROFESSOR SEARS

b, c. Eighteenth Century Literature. Three hours. Second and Third Terms. Elective for Sophomores and Juniors.

DEAN SNOW

Rhetoric and Oratory

PROFESSOR SEARS AND MR. BRINK

1. *Elementary Rhetoric.* One hour. Third Term. Required of all Freshmen.

PROFESSOR SEARS

2, 3, 4. *Practical Rhetoric.* Three hours. First, Second and Third Terms respectively. Required of all Sophomores.

PROFESSOR SEARS

8. *Elocution.* Lectures and Exercises in Voice-Building and Gesture. One hour. Through the year. Required of all Sophomores.

MR. BRINK

9. *Oratory.* Lectures on the General Principles of Composition, intended for oral delivery. Preparation and rehearsal of Compositions with subsequent delivery before the class for criticism and discussion. One hour. Through the year. Required of all Juniors.

MR. BRINK

History

PROFESSOR MUNRO

1. *General Mediaeval History of Europe.* Recitations and lectures, reports by members of the class, and supplementary readings. Three hours. First Term. Required of all Juniors.

PROFESSOR MUNRO

2. *General Modern History of Europe.* Methods as indicated under Course 1. Three hours. Second Term. Required of all Juniors.

PROFESSOR MUNRO

3. *History of the Reformation.* Three hours. Third Term. Elective for Juniors, Seniors, and Graduate students.

PROFESSOR MUNRO

Philosophy

PROFESSORS SETH AND DELABARRE

2, 3. *Psychology.* General Synthetic Course. Three hours. First and Second Terms respectively. Required of all Juniors.

PROFESSOR DELABARRE

19. *Philosophical Introduction.* Intended to explain the origin, aim, and divisions of philosophical inquiry, and its relation to the special

sciences; to criticise the ordinary and scientific interpretations of the world; and to acquaint the student with the chief logical, metaphysical, and ethical problems, and with the typical solutions of them. Three hours. Third Term. Required of all Juniors.

PROFESSOR SETH

Mathematics

DR. MANNING

1. *Geometry, Solid and Spherical.* Wells's Elements of Geometry, with original propositions. Three hours. First Term. Required of all candidates for the degrees of Bachelor of Arts and Bachelor of Philosophy.

DR. MANNING

2. *Trigonometry, Plane and Spherical.* Wells's Trigonometrics. Five hours. Second Term. Required of all candidates for the degrees of Bachelor of Arts and Bachelor of Philosophy.

DR. MANNING

3. *Algebra.* Wells's College Algebra. Five hours. Third Term. Required of all candidates for the degrees of Bachelor of Arts and Bachelor of Philosophy.

DR. MANNING

9. *Analytic Geometry.* Bowser's Analytic Geometry. Three hours. First Term. Elective for those who have taken Courses 1, 2, and 3. Required of candidates for the degree of Bachelor of Science.

DR. MANNING

10. *Analytic Geometry.* Bowser's Analytic Geometry. Three hours. Second Term. Elective for those who have taken Course 9. Required of candidates for the degree of Bachelor of Science.

DR. MANNING

12. *Differential Calculus.* Rice and Johnson's Differential Calculus. Three hours. Third Term. Elective for those who have taken Courses 9 and 10. Required of candidates for the degree of Bachelor of Science.

DR. MANNING

Drawing

PROFESSOR RANDALL AND MR. BURNHAM

1. *Elementary Mechanical Drawing.* Nature, care, and use of drawing instruments. Elements of orthographic and isometric projection. Four hours. First Term. Required of candidates for the degree of Bachelor of Science. Elective for Freshmen who are candidates for the degree of Bachelor of Philosophy.

16. *Elementary Mechanical Drawing.* Similar to Course 1. Three hours. First Term. Elective for Sophomores, Juniors, and Seniors.

2, 3, 4. *Freehand Drawing.* Practical orthographic projection, involving straight and curve line drawing. Principles of shades, shadows, and perspective. Wholly from the use of models. One hour. First, Second and Third Terms respectively. Elective for all students.

5, 6. *Descriptive Geometry.* Church's Descriptive Geometry. Theory of orthographic and scenographic projection. Discussion and proof of a large number of theoretical and practical promblems. Recitations and drawing. Four hours. Second and Third Terms respectively. Required of candidates for the degree of Bachelor of Science. Elective for Freshmen who are candidates for the degree of Bachelor of Philosophy and have taken Course 1.

15. *Constructive Geometry.* Discussion and proof of original methods of solving complicated geometrical problems. Three hours. First Term. Elective for those who have taken Course 1 or 16.

Chemistry

PROFESSOR APPLETON

1. *Descriptive Chemistry.* Non-metals. Three hours. First Term. Elective for Sophomores.

PROFESSOR APPLETON

2. *Descriptive Chemistry.* Metals. Continuation of Course 1. Three hours. Second Term. Elective for Sophomores.

PROFESSOR APPLETON

3. *Descriptive Chemistry.* Carbon compounds. Continuation of Course 2. Three hours. Elective for Sophomores.

PROFESSOR APPLETON

The Courses 1, 2, and 3, called Descriptive Chemistry, include also Experimental and Theoretical Chemistry. Instruction is given by textbooks, by lectures, and by individual laboratory work on the part of the student. The lectures are illustrated by experiments and colored charts and by blackboard exercises.

Physics

MR. PALMER

1, 2. *General Course.* Lectures, illustrated by experiments, with occasional written examinations. Three hours. First and Second Terms. respectively. Elective for Sophomores and Juniors.

12. *Advanced Course.* Study of Physics with a text-book and with special attention to the mathematical presentation of the subject. Three hours. Third Term. Elective for Juniors and Seniors who have previously gone over the subject in outline by Courses 1, 2, or their equivalent.

3. *Elementary Course in Electricity and its Applications.* Thompson's Elementary Lessons in Electricity and Magnetism. Three hours [recitations two, laboratory practice one, the latter requiring two hours of attendance]. Third Term. Elective for Sophomores and Juniors. After the present year this Course will be open only to those who have taken Physics 1 and 2.

Botany

PROFESSOR BAILEY AND MR. OSTERHOUT

1, 2, 3. *Vegetable Morphology.* Three hours. First, Second and Third Terms respectively. Required of Freshmen who are candidates for the degree of Bachelor of Philosophy. Elective for Sophomores.

PROFESSOR BAILEY

4, 5, 6. *Histology, Physiology, and Study of Types.* Three hours. First, Second and Third Terms respectively. Elective for those who have taken Courses 1, 2, and 3.

MR. OSTERHOUT

Physiology

PROFESSOR CHAPIN AND MR. PARKER

1. *Course in Hygiene.* One hour. Second Term. Required of Freshmen.

PHYSICAL CULTURE

Exercises with dumb bells and Indian clubs and in Swedish movements. Required of all students two hours weekly during the Second Term of the year.

MR. PARKER

Astronomy

PROFESSOR UPTON

1. *General Astronomy.* Young's General Astronomy, with lectures. Three hours. First Term, Elective for Juniors and Seniors.

EXPENSES

To women pursuing Undergraduate studies the charges are as follows:

For Instruction: $2.50 per term, or $7.50 a year, for every hour of instruction per week. Thus, each full course of studies, involving the usual fifteen hours of class-room attendance and instruction a week, costs $37.50 a term, or $112.50 a year. Laboratory charges are additional to this. These sums are fixed as nearly as possible by the actual cost of the instruction, not involving payments for any other purposes whatever.

For Examinations: $10 for each full set of examinations, viz.: entrance examinations or examinations on any full term's work. For examinations upon work requiring less than fifteen hours of class-room attendance a week, the fee is 75 cents per weekly hour's work. Thus, the examination upon a course which had required three hours in class-room weekly would cost $2.25; one upon a course of six hours, $4.50; and so on.

It will be seen that the total cost to each undergraduate student, including the examination fees to the University, is under $150 a year, somewhat less than the tuition and incidental expenses of a student in the University proper.

For Matriculation: Every undergraduate candidate for a degree pays, upon admission to the College, a matriculation fee of $5.00.

For Registration: Every special student pays, upon admission to any course, a registration fee of 25 cents per term.

Graduation Fee: Every member of the Senior Class pays, at the close of her course, a fee of $8.00 for her diploma and other expenses connected with graduation.

To women pursuing graduate studies the charges are as follows:

Tuition	$105.00
General incidentals for all students .	45.00

Each candidate for the degree of Master of Arts or for that of Doctor of Philosophy, at registration as such candidate, pays, in addition to the regular and to all other special University dues, the sum of $5.00.

A candidate for the degree of Master of Arts who, without remitting her studies, becomes a candidate for the degree of Doctor of Philosophy, is charged nothing for the new registration.

Each candidate who is recommended for the degree of Master of Arts after non-resident study pays, before receiving the degree, the sum of $20.00.

Each candidate recommended for either of these degrees on the basis of study in residence pays, before receiving the degree, the sum of $10.00.

All students, graduate or undergraduate, who take the courses specified below, pay the following special sums:

1, IN CHEMISTRY

Candidates for a University degree who take Courses 1, 2, or 3 in Chemistry are charged as follows: for Course 1, $1.00; for Course 2, $2.00; for Course 3, $3.00. They also have a special charge for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed $2.00 per term.

Special students who take no University studies except Courses 1, 2, 3 in Chemistry, pay for these $10.00 per term. In addition, they are charged for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed $2.00 per term.

Students who are candidates for a University degree and take advanced courses in Analytical Chemistry are charged per term, in addition to the regular University dues, the sum of $10.00 for a three-hour course in the Laboratory, and $20.00 for a six-hour course in the Laboratory. In addition, they are charged for their

actual individual breakage of chemical apparatus. This charge does not ordinarily exceed $3.00 per term.

Special students who take no University studies except advanced courses in Analytical Chemistry are charged varying sums according to the nature of the courses taken. In an individual case, the charge is at the rate of $4.00 per term for one hour per week of actual attendance in the Laboratory. In addition, they are charged for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed $5.00 per term.

Special students engaging places in the Laboratory must each pay for a full term. No deductions are made on account of absence.

2, IN PHYSICS

Candidates for a degree who study in the Physical Laboratory pay, in addition to the regular University dues, a fee of $5.00 per term.

3, IN BOTANY

Students who take Courses 1, 2, 3 in Botany pay, in addition to the regular University dues, a fee of $1.00 per term.

Students taking Courses 4, 5, 6 pay, in addition to the regular dues, a fee of $2.00 per term.

Ladies from a distance wishing to avail themselves of the educational opportunities offered by the University can find homes in excellent private families in the neighborhood of the College. Every effort will be made to arrange for any who may apply either to the Dean or to the President.

Further information in regard to the work of the Women's Classes may be secured, and Catalogues obtained, by addressing the undersigned.

LOUIS F. SNOW, A. M.,
Dean and Treasurer.

Women's College, 235 Benefit Street,
Providence, R. I.

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WOMEN'S COLLEGE

IN CONNECTION WITH

BROWN UNIVERSITY

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ANNUAL ANNOUNCEMENT

ACADEMIC YEAR 1894-95

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WOMEN'S COLLEGE

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BROWN UNIVERSITY

ANNUAL ANNOUNCEMENT, ACADEMIC YEAR

1894-95

Freshman examinations will be held in Rhode Island Hall, beginning Monday, September 17, at 9 A. M. Certificates admitting to Freshman grade without examination should be filed with the Registrar on or before this date.

Sophomore, Junior and Senior examinations will be held on Monday and Tuesday, September 17 and 18.

Candidates for any of the examinations are to report at the Registrar's office, University Hall, on Monday at 9 A. M.

The Academic Year begins Wednesday, September 19, with Chapel Service in Sayles Hall, at 8.40 A. M. Immediately after this service the President will deliver an address before the University. At the close of this the classes will begin their sessions according to the schedule.

On this occasion and at all chapel services women students are welcome, but attendance at chapel services is not required of them.

The courses of study for the degrees of A. B., B. P., and B. S. will be in the main as presented in the University Catalogue for 1893-94. All essential changes are noted in the following pages of this Announcement.

The required studies of the four years will be provided for as indicated below, but only such courses are mentioned as it is thought will prove attractive to the majority of the women students. Individual preferences will be specially provided for on application to the Dean.

Pupils are admitted to select courses covering but single terms, and even to work in single branches. Each applicant for registration in such a course must present to the Dean sufficient evidence of her ability to pursue the subject chosen. Also every select student, unless especially excused by the Dean and by the Professor in charge of her course, must prepare herself for examination at the completion of her course.

Before each University examination period the Dean of this College files with the Registrar of the University a list of all undergraduate candidates for University examinations who are approved by the instructors in the Women's College, thus certifying to the fitness of the candidates to undertake the examinations desired; but no candidate will be approved whose term bill or examination fee is not paid or satisfactorily arranged for.

Greek Literature and History

PROFESSOR MANATT AND DR. NEWHALL

1. *Herodotus and Thucydides.* Four hours. First Term. Required of A. B. candidates.

DR. NEWHALL

2. *Lysias and Xenophon.* Four hours. Second Term. Required of A. B. candidates.

DR. NEWHALL

3. *Homer.* The Odyssey. Four hours. Third Term. Required of A. B. candidates.

DR. NEWHALL

4. *Lysias and Demosthenes.* Three hours. First Term. Elective for Sophomores.

PROFESSOR MANATT

5. *Plato.* Three hours. Second Term. Elective for Sophomores.

PROFESSOR MANATT

6. *Aeschylus and Sophocles.* Three hours. Third Term. Elective for Sophomores.

PROFESSOR MANATT AND DR. NEWHALL

10, 11, 12. *The Orators.* Together with Course 21. Three hours. Elective for Juniors and Seniors.

PROFESSOR MANATT

16, 17, 18. *The Dramatists.* Three hours. Through the year. Elective for Juniors and Seniors.

DR. NEWHALL

21. *The Public Life of the Greeks.* One hour. First and Second Terms. Auxiliary to the course in the orators. Elective for Juniors, Seniors and graduates.

22. *New Testament and Modern Greek.* One hour. Second and Third Terms. Elective like Course 21.

PROFESSOR MANATT AND DR. NEWHALL

Roman Literature and History

During the absence of Professor Harkness in Europe, the department will be under the charge of Professor Everett, who will carry on the Junior and Senior elective Course 11, 12, 13.

1. *Livy.* Early Roman History. Four hours. First Term. Required of A. B. candidates.

MR. MEIKLEJOHN

2. *Cicero.* Letters. Cicero and his Times. Four hours. Second Term. Required of A. B. candidates.

MR. MEIKLEJOHN

3. *Tacitus.* Germania and Agricola. History of the Early Empire. Four hours. Third Term. Required of A. B. candidates.

MR. MEIKLEJOHN

4. *Horace.* Odes and Epodes. Ovid's Lyrics. Lectures on Lyric Poetry. Three hours. First Term. Elective for Sophomores.

MR. GREENE

5. *Catullus, Tibullus and Propertius.* Lyric Poetry continued. Three hours. Second Term. Elective for Sophomores.

MR. GREENE

6. *The Satires of Horace and Juvenal.* Roman Life. Three hours. Third Term. Elective for Sophomores.

MR. GREENE

The Fine Arts

PROFESSOR POLAND AND MR. ISHAM

Changes will be made in this department as follows:

Course 1. This will correspond to the statement in the Catalogue but will also include the substance of the course numbered 2 in the Catalogue. First Term. Elective for Juniors and Seniors.

Course 2 will include the subjects treated in 1893-94 in Courses 4 and 5. Second Term. Elective for Juniors and Seniors.

Course 3 will correspond to the course numbered 6 in the last Catalogue, extending however only to the sixteenth century. Third Term. Elective for Juniors and Seniors.

The above courses may be taken independently of each other, but students are advised to elect all three.

Course 4. The History of Art in centuries subsequent to those treated in Course 3. Three hours. First Term. Elective for those who have taken the course numbered 6 in the Catalogue.

Course 5. *Pausaniae descriptio arcis Athenarum*, edited by Jahn & Michaelis. Special course in the study of the Acropolis of Athens. The original Greek text will be used. The subject is studied from the original sources, literary and monumental. Lectures, illustrations, etc. Second Term. Three hours. Elective for those who have passed in Course 1 as in Catalogue.

Course 6. Theory and Criticism of the Fine Arts. Aesthetics. Third Term. Three hours. Elective for those who have passed in one of the foregoing courses.

Honor courses will be arranged for those prepared. Attendance on instruction of at least one hour per week will be required.

Romance Languages and Literatures

PROFESSOR LANGDON AND MR. JOHNSON

French 1, 2, 3. Modern Novels and Plays. Three hours. Through the year. Required of Freshman Class.

PROFESSOR LANGDON AND MR. JOHNSON

French 4, 5, 6 will this year cover both the Classic and the Romantic School, Molière and Victor Hugo receiving special attention.

PROFESSOR LANGDON

French 7, 8, 9. History of Romance Literature. Lectures on the history and philosophy of the Poetry of the Romance Nations from the early middle ages to the present time, with special reference to the literature of France. Two hours. Through the year. Elective to all who have passed with credit Course 4, 5, 6.

PROFESSOR LANGDON

French 19, 20, 21. Old French. Introduction to the study of Romance Philology and the literature of the middle ages in France. One hour. Through the year. Elective for those who have passed Course 7, 8, 9.

MR. JOHNSON

The courses in Italian will be in charge of Professor Langdon. Mr. Johnson will conduct the elementary course in Spanish.

Germanic Languages and Literatures

PROFESSORS WILLIAMS, JEWETT AND CROWELL

1. *Elementary Course.* Wenckebach's *Deutsches Lesebuch* and *Collar's Shorter Eysenbach.* Three hours. First Term. Required of Sophomores.

PROFESSOR JEWETT

2. *Intermediate Course.* Grammar. Composition. Conversation. Translation of selections in prose and verse from Goethe, Uhland, Schiller, Freytag, Benedix, Heyse. Three hours. Second Term. Required of Sophomores.

3. *Heine.* Life and Works. *Lyrics. Harzreise.* Reading at sight. Grammar. Composition. Conversation. Three hours. Third Term. Required of Sophomores.

4. *Schiller as Dramatist. Jungfrau von Orleans. Maria Stuart.* Lectures. Essays. Three hours. First Term. Elective for those who have passed in Courses 1, 2 and 3.

5. Schiller's *Balladen und Romanzen.* Lectures. Essays. Three hours. Second Term. Elective for those who have passed in Course 4.

PROFESSOR CROWELL

6. *Lessing as Dramatist. Emilia Galotti, Minna von Barnhelm, Nathan der Weise.* Lectures. Essays. Three hours. Third Term. Elective for those who have passed in Course 5.

PROFESSOR CROWELL

7. Goethe's *Sturm-und Drangperiode. Götz von Berlichingen, Die Lieden des jungen Werthers.* Lectures. Essays. Three hours. First Term. Elective for those who have passed in Course 6.

PROFESSOR WILLIAMS

8. *Goethe's Classical Dramas. Iphigenie auf Tauris, Torquato Tasso.* Lectures. Essays. Three hours. Second Term. Elective for those who have passed in Course 6.

PROFESSOR WILLIAMS

9. Goethe's *Faust.* Lectures. Essays. Three hours. Third Term. Elective for those who have passed in Course 6.

PROFESSOR WILLIAMS

English Literature and Language

7, 8, 9. *Nineteenth-Century English Poetry.* Three hours. Through the year. Elective for Sophomores and Juniors.

PROFESSOR BRONSON

For further electives in English see Catalogue.

Rhetoric and Oratory

PROFESSOR SEARS AND MR. BRINK

1. *Elementary Rhetoric.* One hour. Second Term. Required of all Freshmen.

PROFESSOR SEARS

2, 3, 4. *Practical Rhetoric.* Three hours. First, Second and Third Terms respectively. Required of all Sophomores.

PROFESSOR SEARS

8. *Elocution.* Lectures and exercises in voice-building and gesture. One hour. Through the year. Required of all Sopomores.

MR. BRINK

9. *Oratory.* Lectures on the General Principles of Composition intended for oral delivery. Preparation and rehearsal of Compositions with subsequent delivery before the class for criticism and discussion. One hour. Through the year. Required of all Juniors.

MR. BRINK

History

PROFESSOR MUNRO

1. *General Mediaeval History of Europe.* Recitations and lectures, reports by members of the class, and supplementary readings. Three hours. First Term. Required of all Juniors.

2. *General Modern History of Europe.* Methods as indicated under Course 1. Three hours. Second Term. Required of all Juniors.

ORIENTAL HISTORY

PROFESSOR JEWETT

1. *Oriental History from the Earliest Times to the Birth of Mohammed.* Recitations, informal lectures and supplementary reading. Three hours. First Term. Elective for Sophomores, Juniors and Seniors.

2. *The Rise and Spread of Islam.* Recitations, informal lectures, and supplementary reading. Three hours. Second Term. Elective for Sophomores, Juniors and Seniors.

3. *History of the Crusades.* Recitations, informal lectures, and supplementary reading. Three hours. Third Term. Elective for Sophomores, Juniors and Seniors.

The three courses in Oriental History may be taken independently of each other.

For electives in History see Catalogue.

Philosophy

PROFESSORS SETH AND DELABARRE

2, 3. *Psychology.* General Synthetic Course. Three hours. First and Second Terms respectively. Required of Juniors.

PROFESSOR DELABARRE

19. *Philosophical Introduction.* Intended to explain the origin, aim, and divisions of philosophical inquiry, and its relation to the special sciences; to criticise the ordinary and scientific interpretations of the world; and to acquaint the student with the chief logical, metaphysical, and ethical problems, and with the typical solutions of them. Three hours. Third Term. Required of all Juniors.

PROFESSOR SETH

Mathematics

1. *Geometry, Solid and Spherical.* Wells's Elements of Geometry, with original propositions. Three hours. First Term. Required of all candidates for the degrees of Bachelor of Arts and Bachelor of Philosophy.

PROFESSOR CLARKE

2. *Algebra.* Wells's College Algebra. Five hours. Second Term. Required of all candidates for the degrees of Bachelor of Arts and Bachelor of Philosophy.

MR. ALGER

3. *Trigonometry, Plane and Spherical.* Wells's Trigonometrics. Five hours. Third Term. Required of all candidates for the degrees of Bachelor of Arts and Bachelor of Philosophy.

PROFESSOR DAVIS

9. *Analytic Geometry.* Bowser's Analytic Geometry. Three hours. First Term. Elective for those who have taken Courses 1, 2 and 3. Required of candidates for the degree of Bachelor of Science.

PROFESSOR DAVIS

10. *Analytic Geometry.* Bowser's Analytic Geometry. Three hours. Second Term. Elective for those who have taken Course 9. Required of candidates for the degree of Bachelor of Science.

PROFESSOR DAVIS

12. *Differential Calculus.* Rice and Johnson's Differential Calculus. Three hours Third Term. Elective for those who have taken Courses 9 and 10. Required of candidates for the degreeof Bachelor of Science.

PROFESSOR DAVIS

Drawing

PROFESSOR RANDALL AND MR. BURNHAM

1. *Elementary Mechanical Drawing.* Nature, care and use of drawing instuments. Elements of orthographic and isometric projection. Four hours. First Term. Required of candidates for the degree of Bachelor of Science. Elective for Freshmen who are candidates for the degree of Bachelor of Philosophy.

16. *Elementary Mechanical Drawing.* Similar to Course 1. Three hours. First Term. Elective for Sophomores, Juniors and Seniors.

2, 3, 4. *Freehand Drawing.* Practical orthographic projection, involving straight and curve line drawing. Principles of shades, shadows and perspective. Wholly from the use of models. One hour. First, Second and Third Terms respectively. Elective for all students.

5, 6. *Descriptive Geometry.* Church's Descriptive Geometry. Theory of orthographic and scenographic projection. Discussion and proof of a large number of theoretical and practical problems. Recitations and drawing. Four hours. Second and Third Terms respectively. Required of candidates for the degree of Bachelor of Science. Elective for Freshmen who are candidates for the degree of Bachelor of Philosophy, and have taken Course 1.

15. *Constructive Geometry.* Discussion and proof of original methods of solving complicated geometrical problems. Three hours First Term. Elective for those who have taken Course 1 or 16.

Two new courses in Mechanical Drawing will be offered during the year.

19. Mechanical Drawing. Continuation of Course 16. Plane and solid problems. Advanced orthographic and isometric projection. Three hours. Second Term. Elective for those who have passed in Course 16.

PROFESSOR RANDALL

20. Mechanical Drawing. Continuation of Course 19. Practical work in shades and shadows and perspective. Three hours. Third Term. Elective for those who have passed in Course 19.

PROFESSOR RANDALL

Courses 13 and 14 will be dropped and their places taken by Architecture 1, 2. See Fine Arts p. 6.

The courses in Freehand Drawing will be under the charge of Mr. Isham, and will be listed as follows:

Drawing 2, 3, 4. Freehand Drawing. Outline and light and shade in pencil and charcoal from models and casts. One hour. Through the year. Elective for all students.

Drawing 21, 22, 23. Freehand Drawing. Continuation of Drawing 4. One hour. Through the year. Elective for those who have passed Course 4.

Drawing 24, 25, 26. Freehand Drawing. Continuation of Course 23. One hour. Through the year. Elective for those who have passed Course 23.

Mr. Burnham will give as part of the Mechanical Engineering course the following:

Drawing 27, 28. Advanced Machine Design. Three hours. First and Second Terms. Required of Seniors on the M. E. course. Elective for Seniors who have taken Drawing 12 and Mechanics 3, 4, 6.

Chemistry

PROFESSOR APPLETON

1. *Descriptive Chemistry.* Non-metals. Three hours. First Term. Elective for Sophomores.

2. *Descriptive Chemistry.* Metals. Continuation of Course 1. Three hours. Second Term. Elective for Sophomores.

3. *Descriptive Chemistry.* Carbon compounds. Continuation of Course 2. Three hours. Elective for Sophomores.

The Courses 1, 2 and 3, called Descriptive Chemistry, include also Experimental and Theoretical Chemistry. Instruction is given by text-books, by lectures, and by individual laboratory work on the part of the student. The lectures are illustrated by experiments and colored charts and by blackboard exercises.

Physics

MR. PALMER

1, 2, 4. *General Course.* Lectures illustrated by experiments, with occasional written examinations and problems. Three hours. First Term, Mechanics and Acoustics. Second Term, Optics and Radiant Heat, Third Term, Heat and Electricity. Elective for Sophomores and Juniors.

5, 9, 10. *Physical Laboratory.* General Course. Three hours (six hours of attendance in the laboratory). First Term, Mechanics and Acoustics. Second Term, Optics and Radiant Heat. Third Term, Heat and Electricity. Elective in connection with or after Physics 1, 2, 4.

Comparative Anatomy

5. *Cellular Biology.* Three hours. First Term.

PROFESSOR FIELD

This course will deal largely with the fundamental problems of living matter. It will be a suitable introduction to the study, and will consider many of the most important questions which are at present so much discussed. The course will be three hours (six hours attendance). As in the other courses a small laboratory fee is charged ($2 to $5).

Botany

PROFESSOR BAILEY AND MR. OSTERHOUT

1, 2, 3. *Vegetable Morphology.* Three hours. First, Second and Third Terms respectively. Required of Freshman who are candidates for the degree of Bachelor of Philosophy. Elective for Sophomores.

PROFESSOR BAILEY

4, 5, 6. *Histology, Physiology and Study of Types.* Three hours. First, Second and Third Terms respectively. Elective for those who have taken Courses 1, 2, 3.

MR. OSTERHOUT

Physiology

1. *Course in Hygiene.* One hour. Second Term. Required of Freshmen.

PHYSICAL CULTURE

Arrangements have been made whereby the privileges connected with the new and elegant gymnasium of the Providence Athletic Asso

ciation will be open to the students of the Women's College on Tuesdays and Fridays, from 2 to 3 P. M., from October 1 to June 1.

Exercise will be taken under the personal supervision of a competent lady instructor.

Expense, including locker, $3.33 per term, payable strictly in advance.

Astronomy

PROFESSOR UPTON

1. *General Astronomy.* Young's General Astronomy, with lectures. Three hours. First Term. Elective for Juniors and Seniors.

Expenses

To women pursuing Undergraduate studies the charges are as follows:

For Instruction: $2.50 per term, or $7.50 a year, for every hour of instruction per week. Thus, each full course of studies involving the usual fifteen hours of class-room attendance and instruction a week, costs $37.50 a term, or $112.50 a year. Laboratory charges are additional to this. These sums are fixed as nearly as possible by the actual cost of the instruction.

For Preliminary Entrance Examinations: $5 for a full set.

For Regular Entrance Examinations: $3 for examination leading to a single course; $10 for a full set.

For Term Examinations: $10 for each full set, viz., examinations on any full term's work. For examinations upon work requiring less than fifteen hours of class-room attendance a week, the fee is 75 cents per weekly hour's work. Thus, the examination upon a course which requires three hours in class-room weekly costs $2.25; one upon a course of six hours, $4.50; and so on.

For Matriculation: Every undergraduate candidate for a degree pays, upon admission to the College, a matriculation fee of $5.

For Registration: Every special students pays, upon admission to any term course, a registration fee of 25 cents.

Graduation Fee: Every member of the Senior Class pays, at the close of her course, a fee of $8 for her diploma and other expenses connected with graduation.

For expenses in connection with the Graduate Department see Brown University Catalogue.

All students, graduate or undergraduate, who take the courses specified below, pay the following special sums:

1. In Chemistry

Candidates for a University degree who take Courses 1, 2, or 3 in Chemistry are charged as follows: for Course 1, $1.00; for Course 2, $2.00; for Course 3, $3.00. They also have a special charge for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed $2.00 per term.

Special students who take no University studies except Courses 1, 2, 3 in Chemistry, pay for these $10.00 per term. In addition, they are charged for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed $2.00 per term.

Students who are candidates for a University degree and take advanced courses in Analytical Chemistry are charged per term, in addition to the regular University dues, the sum of $10.00 for a three-hour course in the Laboratory, and $20.00 for a six-hour course in the Laboratory. In addition, they are charged for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed $3.00 per term.

Special students who take no University studies except advanced courses in Analytical Chemistry are charged varying sums according to the nature of the courses taken. In an individual case the charge is at the rate of $4.00 per term for one

hour per week of actual attendance in the laboratory. In addition, they are charged for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed $5.00 per term.

Special students engaging places in the laboratory must each pay for a full term. No deductions are made on account of absence.

2. In Physics

Candidates for a degree who study in the Physical Laboratory pay, in addition to the regular University dues, a fee of $5.00 per term.

3. In Botany

Students who take Courses 1, 2, 3 in Botany pay, in addition to the regular University dues, a fee of $1.00 per term.
Students taking courses 4, 5, 6 pay, in addition to the regular dues, a fee of $2.00 per term.

Students in Comparative Anatomy pay, in addition to the regular dues, a fee of $2.00 per term for each course.

Ladies from a distance wishing to avail themselves of the educational opportunities offered by the University can find homes in excellent private families in the neighborhood of the College. Every effort will be made to arrange for any who may apply either to the Dean or to the President.

Further information in regard to the work of the Women's Classes may be secured, and Catalogues obtained, by addressing the undersigned.

LOUIS F. SNOW, A. M.,

Dean and Treasurer.

Women's College, 235 Benefit Street,

Providence, R. I.

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WOMEN'S COLLEGE

IN CONNECTION WITH

BROWN UNIVERSITY

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ANNUAL ANNOUNCEMENT

ACADEMIC YEAR 1895-96

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UNIVERSITY OF ILLINOIS

ANNUAL ANNOUNCEMENT

ACADEMIC YEAR 1895-96

Freshman examinations will be held in Rhode Island Hall, beginning Monday, September 16, at 9 A. M. Certificates admitting to Freshman grade without examination should be filed with the Registrar on or before this date.

Sophomore, Junior and Senior examinations will be held on Monday and Tuesday, September 16 and 17.

Candidates for any of the examinations are to report at the Registrar's office, University Hall, on Monday at 9 A. M.

The Academic Year begins Wednesday, September 18, with Chapel Service in Sayles Hall, at 8.40 A. M. Immediately after this service the President will deliver an address before the University. At the close of this the classes will begin their sessions according to the schedule.

On this occasion and at all chapel services women students are welcome, but attendance at chapel services is not required of them.

The required studies of the four years will be provided for as indicated below. Only such elective courses are mentioned as it is thought will prove attractive to the majority of the women students. It is specially desirable that election be confined as far as possible to the courses named.

Pupils are admitted to select courses covering but single terms, and even to work in single branches. Each applicant for registration in such a course must present to the Dean sufficient evidence of her ability to pursue the subject chosen. Also every select student, unless especially excused by the Dean and by the Professor in charge of her course, must pre-

pare for and pass an examination at the completion of her course. To be admitted to advanced examinations, candidates must have passed all entrance examinations, as well as all examinations which cover the work of previous terms.

Before each University examination period the Dean of this College files with the Registrar of the University a list of all undergraduate candidates for University examinations who are approved by the instructors in the Women's College, thus certifying to the fitness of the candidates to undertake the examinations desired; but no candidate will be approved whose term bill and examination fee are not paid or satisfactorily arranged for, *at least five days previous to the beginning of each examination period.*

THE COURSES OF INSTRUCTION

ARRANGED ACCORDING TO YEARS AND TERMS

FRESHMAN YEAR

Fifteen Hours Per Week Required

First Term	*Second Term*	*Third Term*
Greek 1,	Greek 2,	Greek 3,
Latin 1,	Latin 2,	Latin 3,
French 1,	French 2,	French 3,
Mathematics 1,	Mathematics 3,	Mathematics 2,
Botany 1,	Botany 2,	Botany 3,
Drawing 1,	Drawing 5,	Drawing 6,
Rhetoric 2	Rhetoric 3	Rhetoric 4,
Biology 15,	Biology 1,	Biology 2,
French A.	French A.	French A.

SOPHOMORE YEAR

Rhetoric 2,	Rhetoric 3,	Rhetoric 4,
German 1,	German 2,	German 3,

and sufficient electives from the following lists to make up fifteen hours per week:

English 1,	English 2,	English 3
Chemistry 1,	Chemistry 2,	Chemistry 3,
Physics 1,	Physics 2,	Physics 4,
Italian 1,	Italian 2,	Italian 3,
Greek 13,	Greek 14,	Greek 15,
Latin 7,	Latin 8,	Latin 9,
Mathematics 9,	Mathematics 10,	Mathematics 12,
French 4,	French 5,	French 6,
Biology 15.	Biology 1.	Biology 2.

Junior Year

History 1,	History 2,	History 3,
Rhetoric 33,	Rhetoric 34,	Rhetoric 35,

and sufficient electives from the following or preceding list to make up sixteen hours per week:

German 4,	German 5,	German 6,
German 16,	German 17,	German 18,
French 10,	French 11,	French 12,
Greek 13,	Greek 14,	Greek 15,
Latin 7,	Latin 8,	Latin 9,
Biology 15,	Biology 1,	Biology 2,
Biology 10,	Biology 19,	Biology 8,
English 4,	English 5,	English 6,
English 31,	English 32,	English 33,
History of Art 1,	History of Art 4,	History of Art 6,
Social Science 1.	Social Science 2	Social Science 3.

Senior Year

Elective studies, fifteen hours per week, may be elected from the above lists or by consultation with the Dean.

COURSES OF INSTRUCTION ARRANGED ACCORDING TO DEPARTMENTS

Greek Literature and History

Professor Manatt, Associate Professor Allinson and Dr. Williams.

2. *Lysias.* Four hours. First term. Required of A. B. candidates.

Professor Allinson and Dr. Williams

1. *Herodotus and Thucydides.* Four hours. Second term. Required of A. B. candidates.

PROFESSOR ALLINSON AND DR. WILLIAMS

3. *Homer.* The Odyssey. Four hours. Third term. Required of A. B. candidates.

PROFESSOR ALLINSON AND DR. WILLIAMS

13, 14, 15. *Homer and the Mycenaean Civilization.* The Odyssey, with portions of the Iliad, will be read in the original; the rest of the remainder of the poems (including the Homeric Hymns) in translation. The work will be constantly illustrated by the results of archæological research at Mycenae and other Homeric centres. Three hours through the year. Elective for all students who have passed with credit courses 1, 2, 3 or equivalents.

PROFESSOR MANATT

NOTE. For more advanced students, the work may be varied by collateral reading in the Dramatists.—In 1896-97, the course will be in the Dramatists or the Orators.

Latin

Professor Albert G. Harkness, after a year of study in Germany and Italy, will return to resume charge of the department. Election of courses for the first term may be made from the Catalogue. Any new courses to be given in the later terms will be announced in September.

Professor Harkness will be assisted by Mr. Greene.

1. *Livy.* Early Roman History. Four hours. First term. Required of A. B. candidates.

2. *Cicero.* Letters. Cicero and his Times. Four hours. Second Term. Required of A. B. candidates.

3. *Tacitus.* Germania and Agricola. History of the Early Empire. Four hours. Third Term. Required of A. B. candidates.

[4. *Horace.* Odes and Epodes. Ovid's Lyrics. Lectures on Lyric Poetry. Three hours. First Term. Elective for Sophomores.

MR. GREEEE

5. *Catullus, Tibullus and Propertius.* Lyric Poetry continued. Three hours. Second Term. Elective for Sophomores.

MR. GREENE

6. *The Satires of Horace and Juvenal.* Roman Life. Three hours. Third Term. Elective for Sophomores. Omitted 1895-96.

MR. GREENE]

7. *The Origin of Latin Poetry and the Development of the Drama.* Readings from Plautus and Terence. Three hours. First Term. Elective for all students who have passed with credit Courses 1, 2, 3.

PROFESSOR HARKNESS

8. *The Poetry of the Republic continued and the Poetry of the Augustan Age.* Readings from Lucretius and other Authors of this period. Three hours. Second Term.

PROFESSOR HARKNESS

9. *The Poetry of the Silver Age.* Readings from Authors of the period. Three hours. Third Term.

PROFESSOR HARKNESS

The Fine Arts

History and Criticism

PROFESSOR POLAND

1. *Ancient Art or Classical Archæology.* General course in the history of ancient art, chiefly Greek and Roman. Collingnon's Manual of Greek Archæology, Wright's translation. Lectures, illustrated by plaster casts, lantern views, photographs, engravings, with collateral reading. Three hours. First Term. Elective for Juniors, Seniors and graduates.

4. *Early Christian and Mediæval Art.* This course includes some notice of Byzantine, Arabian and Oriental Art, (Persia, India, China, Japan), and more particularly a study of Romanesque and Gothic Art. Text-book and lectures, illustrated by lantern views. Three hours. First Term. Elective for Juniors, Seniors and graduates.

6. *The Art of the Renaissance.* Text-book and lectures, illustrated by lantern views. Three hours. Third Term. Elective for Juniors, Seniors and graduates.

The above courses (1, 4, 6,) may be taken independently of each other, but students are advised to elect all three, as they present a consecutive outline of the history of the most important epochs of Art. Course 1 is so important, not only in itself, but as preparatory to the study of Art in all periods, that students are strongly advised to take it, when possible, before taking any other course in the History of Art.

Romance Languages and Literatures

French

PROFESSOR LANGDON AND MR. JOHNSON

A. *Elementary Course.* Grammar, composition, and the reading of easy selections in modern French. Three hours. Through the year. The equivalent of the Elementary French required for admission. Required of all Sophomores who offer for admission German instead of French.

MR. JOHNSON

French 1, 2, 3. Modern Novels and Plays. Three hours. Through the year. Required of Freshman Class.

MR. JOHNSON

French 4, 5, 6 will this year cover both the Classic and the Romantic School, Molière and Victor Hugo receiving special attention. Three hours. Through the year.

PROFESSOR LANGDON

10, 11, 12. *French Literature of the Nineteenth Century.* Essays on the literary movement of the century, with wide reading in poetry and prose from Chateaubriand and Lamartine to Daudet and Coppée. Three hours. Through the year. Elective only for such as have passed with credit in Courses 4, 5, 6.

PROFESSOR LANGDON

Italian

1, 2, 3. *Introductory Course.* Grammar, composition, and the reading of modern stories and plays. Three hours. Through the year. Elective for Sophomores, Juniors and Seniors.

PROFESSOR LANGDON

Germanic Languages and Literatures

PROFESSORS WILLIAMS AND CROWELL

1. *Elementary Course.* Wenckebach's *Deutsches Lesebuch* and *Collar's Shorter Eysenbach.* Three hours. First Term. Required of Sophomores.

PROFESSOR CROWELL

2. *Intermediate Course.* Grammar. Composition. Conversation. Translation of selections in prose and verse in Goethe, Uhland, Schiller, Freytag, Benedix, Heyse. Three hours. Second Term. Required of Sophomores.

PROFESSOR CROWELL

3. *Heine.* Life and Works. *Lyrics. Harzreise.* Reading at sight. Grammar. Composition. Conversation. Three hours. Third Term. Required of Sophomores.

PROFESSOR CROWELL

4. *Schiller as Dramatist. Jungfrau von Orleans. Maria Stuart.* Lectures. Essays. Three hours. First Term. Elective for those who have passed in Courses 1, 2 and 3.

PROFESSOR CROWELL

5. Schiller's *Balladen und Romanzen.* Lectures. Essays. Three hours. Second Term. Elective for those who have passed in Course 4.

PROFESSOR CROWELL

6. *Lessing as Dramatist. Emilia Galotti, Minna von Barnhelm, Nathan der Weise.* Lectures. Essays. Three hours. Third Term. Elective for those who have passed in Course 5.

PROFESSOR CROWELL

[7. *Goethe's Sturm-und Drangperiode. Götz von Berlichingen, Die Lieden des jungen Werthers.* Lectures. Essays. Three hours. First Term. Elective for those who have passed in Course 6.

Professor Williams

8. *Goethe's Classical Dramas. Iphigenie auf Tauris, Torquato Tasso.* Lectures. Essays. Three hours. Second Term. Elective for those who have passed in Course 6.

Professor Williams

9. *Goethe's Faust.* Lectures. Essays. Three hours. Third Term. Elective for those who have passed in Course 6. Omitted 1895-96.

Professor Williams]

16. *Early German Literature.* Lectures. Readings. Essays. Three hours. First Term. Elective for those who have studied German not less than one year.

Professor Williams

17. *German Literature.* Klopstock. Herder. Lessing. Wieland. *Die Aufklärung. Der Göttinger Dichterbund. Die Sturm-und Drangperiode.* Lectures. Readings. Essays. Three hours. Second Term. Elective for those who have passed in Course 16.

Professor Williams

18. *German Literature. Goethe* and *Schiller.* Lectures. Essays. Three hours. Third Term. Elective for those who have passed in Course 17.

Professor Williams

English Literature and Language

Courses announced in groups are continuous. Thus a student cannot take English 5 without having taken English 4. Nor can he take English 6 without having taken English 4 and 5. The same principle applies to all courses similarly grouped. In all other instances prerequisites for admission to a course are especially announced.

1, 2, 3. English Literature. Elementary Course. Designed as a preparation for the more advanced courses, and also as a general course for students who do not intend to pursue the subject of English Literature further in college. The work will be of two kinds: *a.* Critical: training in careful reading; study of the elements of literary form. *b.* Historical: rapid reading in the principal poets and prose-writters from Spenser to Tennyson; lectures, supplemented by a text-book, on authors and periods. Three hours. Through the year. In 1895-96 elective for Sophomores, and for Juniors who have not taken 7, 8, 9; thereafter, for Sophomores and Juniors, and for Seniors who have taken no literary course in the English department. After 1895-96 students who have not taken 1, 2, 3, or some other literary course, will not be admitted to the more advanced courses in English Literature. The Linguistic courses will still be open to them.

Professor Bronson and Mr. Dodge,
assisted by Professor Manly

4, 5, 6. Shakspere. Linguistic Course. Three hours. Through the year. Elective for Juniors and Seniors. May be taken two years in succession.

Dean Snow

31, 32, 33. English Literature, from Dryden to Cowper, exclusive of the Novel. In this course the great men will be studied, and such of the lesser men as are especially characteristic of their time. Some stress will be laid on political and social conditions, the state of the reading public, and similar topics. The course will be a careful general survey of the field. The student will be held to methodical and careful reading. Three hours. Through the year. Elective for Juniors and Seniors.

Mr. Dodge

Rhetoric

2, 3, 4. Practical Rhetoric. Three hours. Through the year. Required of all Sophomores who have not taken the subject in the Freshman year. Elective for Freshmen on the B. P. or B. S. Course. For Freshmen this course will be increased to four hours.

Professor Lamont

33, 34, 35. Argumentative Composition. One hour. Through the year. Required of all Juniors. There will be no drill in oral delivery, but simply in written argumentative composition. Lectures will be given containing practical suggestions on the art of argumentation, as well as comments on defects common in argumentative work, and criticism of arguments written by the students themselves. The students will be expected to present a brief based upon a masterpiece of argumentative composition, and then four arguments preceded by briefs. The subjects will be taken from the current discussions in the public prints and from the various college courses. Thus by a proper choice of topics students may make their work in argument help them to a knowledge of public questions or of the studies in which they are specially interested. Each argument is to contain between 1,000 and 1,500 words. The briefs will be criticised in detail by the instructors and returned to the students in time for them to profit by the corrections in writing the arguments. The arguments will also be criticised in detail. Consultation hours will be arranged, so that there will be opportunity for frequent personal conferences on the work of the course.

Professor Lamont, with assistants

History

Professor Munro

1. *General Mediæval History of Europe.* Recitations and lectures, reports by members of the class, and supplementary readings. Three hours. First Term. Required of all Juniors.

2. *General Modern History of Europe.* Methods as indicated under Course 1. Three hours. Second Term. Required of all Juniors.

3. *The Reformation.* Third Term. Elective for Juniors, Seniors and Graduates.

[*Islam and the Crusades.* Recitations, informal lectures and supplementary reading. Three hours. First Term.

11. *The Renaissance.* Three hours. Second Term.

The French Revolution. Third Term. Elective for Juniors, Seniors and Graduates. Omitted 1895-96.]

Social Science

1. *The Principles of Sociology.* With a Study of Primitive Civilization. Lectures. Three hours. First Term. Elective for Juniors and Seniors.

PROFESSOR DEALEY

2. *Social Problems and Conditions.* The Family, Marriage, Divorce; Charity, Penology, Pauperism, Criminology; Immigration, Intemperance, Education. Lectures. Three hours. Second Term. Elective for Juniors and Seniors.

PROFESSOR DEALEY

3. *Social Problems and Conditions.* Continuation of Course 2. Also Studies into Questions of Labor, Municipal Government and Social Legislation. Lectures. Three hours. Third Term. Elective for Juniors and Seniors.

PROFESSOR DEALEY

Philosophy

PRESIDENT ANDREWS, PROFESSORS SETH AND DELABARRE

[2, 3. *Psychology.* General Synthetic Course. Three hours. First and Second Terms respectively. Elective for Juniors, Seniors and Graduates. Omitted 1895-96.

PROFESSOR DELABARRE]

19. *Philosophical Introduction.* Intended to explain the origin, aim and divisions of philosophical inquiry, and its relation to the special sciences; to criticise the ordinary and scientific interpretations of the world; and to acquaint the student with the chief logical, metaphysical and ethical problems, and with the typical solutions of them. Three hours. Third Term. Required of all Juniors.

PROFESSOR SETH

[6, 15. *Practical Ethics.* Three hours. Second and Third Terms respectively. Elective for Seniors and graduates. Omitted 1895-96.]

PRESIDENT ANDREWS

Mathematics

1. *Geometry, Solid and Spherical.* Wells's Elements of Geometry, with original propositions. Five hours. First Term. Required of all candidates for the degrees of Bachelor of Arts and Bachelor of Philosophy.

PROFESSOR CLARKE

3. *Trigonometry, Plane and Spherical.* Wells's Trigonometrics. Five hours. Second Term. Required of all candidates for the degrees of Bachelor of Arts and Bachelor of Philosophy.

MR. MOSS

2. *Algebra.* Wells's College Algebra. Five hours. Third Term. Required of all candidates for the degrees of Bachelor of Arts and Bachelor of Philosophy.

PROFESSOR DAVIS

9. *Analytic Geometry.* Bowser's Analytic Geometry. Three hours. First Term. Elective for those who have taken Courses 1, 2 and 3. Required of candidates for the degree of Bachelor of Science.

PROFESSOR DAVIS

10. *Analytic Geometry.* Bowser's Analytic Geometry. Three hours. Second Term. Elective for those who have taken Course 9. Required of candidates for the degree of Bachelor of Science.

PROFESSOR DAVIS

12. *Differential Calculus.* Rice and Johnson's Differential Calculus. Three hours. Third Term. Elective for those who have taken Courses 9 and 10. Required of candidates for the degree of Bachelor of Science.

PROFESSOR DAVIS

Drawing

PROFESSOR RANDALL

1. *Elementary Mechanical Drawing.* Nature, care and use of drawing instruments. Elements of orthographic and isometric projection. Four hours. First Term. Elective for Freshmen who are candidates for the degree of Bachelor of Philosophy.

5, 6. *Descriptive Geometry.* Church's Descriptive Geometry. Theory of orthographic and scenographic projection. Discussion and proof of a large number of theoretical and practical problems. Recitations and drawing. Four hours. Second and Third Terms respectively. Elective for Freshmen who are candidates for the degree of Bachelor of Philosophy, and have taken Course 1.

PROFESSOR RANDALL

Chemistry

PROFESSOR APPLETON

1. *Descriptive Chemistry.* Non-metals. Three hours. First Term. Elective for Sophomores.

2. *Descriptive Chemistry.* Metals, Continuation of Course 1. Three hours. Second Term. Elective for Sophomores.

3. *Descriptive Chemistry.* Carbon compounds. Continuation of Course 2. Three hours. Elective for Sophomores.

The Courses 1, 2 and 3, called Descriptive Chemistry, include also Experimental and Theoretical Chemistry. Instruction is given by text-books, by lectures, and by individual laboratory work on the part of the student. The lectures are illustrated by experiments and colored charts and by blackboard exercises.

Comparative Anatomy

15, 1, 2. *Introductory Biology.* (See page 145 of the Catalogue.) A general course for beginners, and for those who as educated, cultured persons wish merely a broad knowledge of the fundamental phenomena and problems of life. Attention is paid to the physiological, morphological and developmental features of the typical animals and plants studied. First, Second and Third Terms. Four hours per week. (Six hours attendance.) Elective for B. P. Freshmen and for Sophomores, Juniors and Seniors.

PROFESSOR FIELD

10. *Normal Histology.* (Open only to those who have satisfactorily completed the Introductory Biology). A comparative study of the typical normal cells and tissues of the animal body. Invaluable as a training for microscopical research, and indispensable to the student of medicine. Three hours. (Six hour attendance.) First Term.

PROFESSOR FIELD

19. *Physiology.* A course in Hygiene, including the anatomy and physiology of the human body with special reference to personal hygiene, and practical advice as to the important laws of health. Three hours per week. Second Term. Open to all students of the Woman's College.

PROFESSOR BUMPUS ASSISTED BY MRS. LOUISE PROSSER BATES

8. *Embryology.* A careful scientific study of the development of the bird and mammal, including both the physiology and morphology of the embryo. Three hours (six hours attendance). Third Term.

PROFESSOR FIELD

Physics

MR. PALMER

1, 2, 4. *General Course.* Lectures illustrated by experiments, with occasional written examinations and problems. Three hours. First Term, Mechanics and Acoustics. Second Term, Optics and Radiant Heat. Third Term, Heat and Electricity. Elective for Sophomores and Juniors.

Botany

PROFESSOR BAILEY AND MR. OSTERHOUT

1, 2, 3. *Vegetable Morphology.* Elective for Freshman who are candidates for the degree of Bachelor of Philosophy. Four hours. Elective for Sophomores. Three hours.

PROFESSOR BAILEY

[4, 5, 6. *Histology, Physiology and Study of Types.* Three hours. First, Second and Third Terms respectively. Elective for those who have taken Courses 1, 2, 3. Omitted 1895-96.]

MR. OSTERHOUT

Astronomy

PROFESSOR UPTON

[1. *General Astronomy.* Young's General Astronomy, with lectures. Three hours. First Term. Elective for Juniors and Seniors.

2. *General Astronomy continued.* Three hours. Second Term. Elective for those who have passed in Course 1.

1. *Meteorology. General Course.* Three hours. Third Term. Davis's Elementary Meteorology. Elective for Juniors and Seniors. Not offered in 1895-96.]

Physical Culture

Arrangements have been made whereby the privileges connected with the new and elegant gymnasium of the Providence Athletic Association will be open to the students of the Women's College on Tuesdays and Fridays, from 2 to 3 P. M., from October 1 to April 1.

Exercise will be taken under the personal supervision of a competent lady instructor.

Expense, including locker, $10.00 per year, payable strictly in advance.

EXPENSES

For Instruction: $2.50 per term, or $7.50 a year, for every hour of instruction per week. Thus, each full course of studies involving the usual fifteen hours of class-room attendance and instruction a week, cost $37.50 a term, or $112.50 a year. Laboratory charges are additional to this. These sums are fixed as nearly as possible by the actual cost of the instruction.

For Preliminary Entrance Examinations: $5 for a full set.

For Regular Entrance Examinations: $3 for examination leading to a single course; $10 for a full set.

For Term Examinations: $10 for each full set, viz., examinations on any full term's work. For examinations upon

work requiring less than fifteen hours of class-room attendance a week, the fee is 75 cents per weekly hour's work. Thus, the examination upon a course which requires three hours in class-room weekly costs $2.25; one upon a course of six hours, $4.50; and so on.

For Matriculation; Every undergraduate candidate for a degree pays, upon admission to the College, a matriculation fee of $5.

For Registration: Every special students pays, upon admission to any term course, a registration fee of 25 cents.

Graduation Fee: Every member of the Senior Class pays, at the close of her course, a fee of $8 for her diploma and other expenses connected with graduation.

For expenses in connection with the Graduate Department see Brown University Catalogue.

All students, graduate or undergraduate, who take the courses specified below, pay the following special sums:

1. In Chemistry

Candidates for a University degree who take Courses 1, 2, or 3 in Chemistry are charged as follows: for Course 1, $1.00; for Course 2, $2.00; for Course 3, $3.00. They also have a special charge for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed $2.00 per term.

Special students who take no University studies except Courses 1, 2, 3 in Chemistry, pay for these $10.00 per term. In addition, they are charged for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed $2.00 per term.

Students who are candidates for a University degree and take advanced courses in Analytical Chemistry are charged per term, in addition to the regular University dues, the sum of $10.00 for a three-hour course in the Laboratory, and $20.00 for a six-hour course in the Laboratory. In addition, they are charged for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed $3.00 per term.

Special students who take no University studies except advanced courses in Analytical Chemistry are charged varying sums according to the nature of the courses taken. In an individual case the charge is at the rate of $4.00 per term for one hour per week of actual attendance in the laboratory. In addition, they are charged for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed $5.00 per term.

Special students engaging places in the laboratory must each pay for a full term. No deductions are made on account of absence.

2. In Physics

Candidates for a degree who study in the Physical Laboratory pay, in addition to the regular University dues, a fee of $5.00 per term.

3. In Botany

Students who take Courses 1, 2, 3 in Botany pay, in addition to the regular University dues, a fee of $1.00 per term.

Students taking Courses 4, 5, 6 pay, in addition to the regular dues, a fee of $2.00 per term.

4. In Comparative Anatomy

Students in Comparative Anatomy pay, in addition to the regular dues, a fee of $3.00 per term for each course.

Boarding

Ladies from a distance wishing to avail themselves of the educational opportunities offered by the University can find homes in excellent private families in the neighborhood of the College. Every effort will be made to arrange for any who may apply either to the Dean or to the President.

Further information in regard to the work of the Women's Classes may be secured, and Catalogues obtained, by addressing the undersigned.

LOUIS F. SNOW, A. M.,

Dean and Treasurer.

Women's College, 235 Benefit Street,

Providence, R. I.

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WOMEN'S COLLEGE

. . IN . .

BROWN UNIVERSITY

1896-'97

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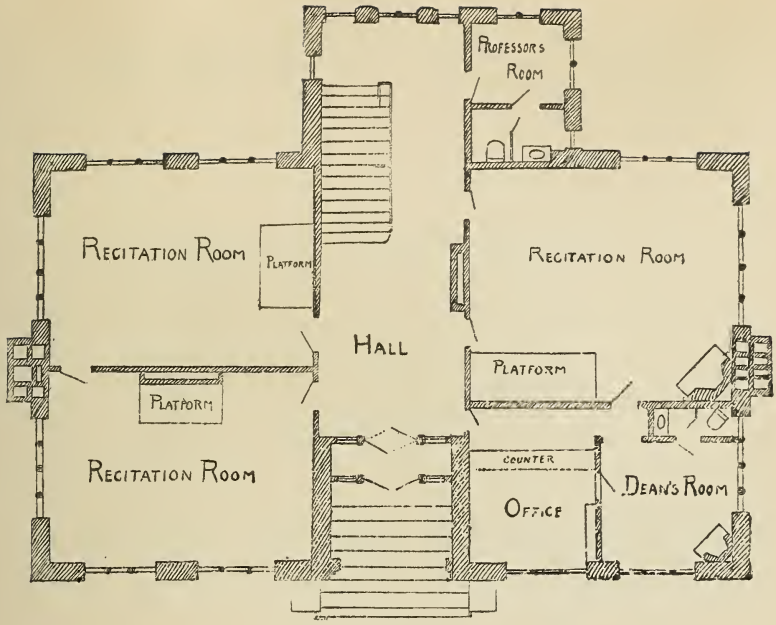

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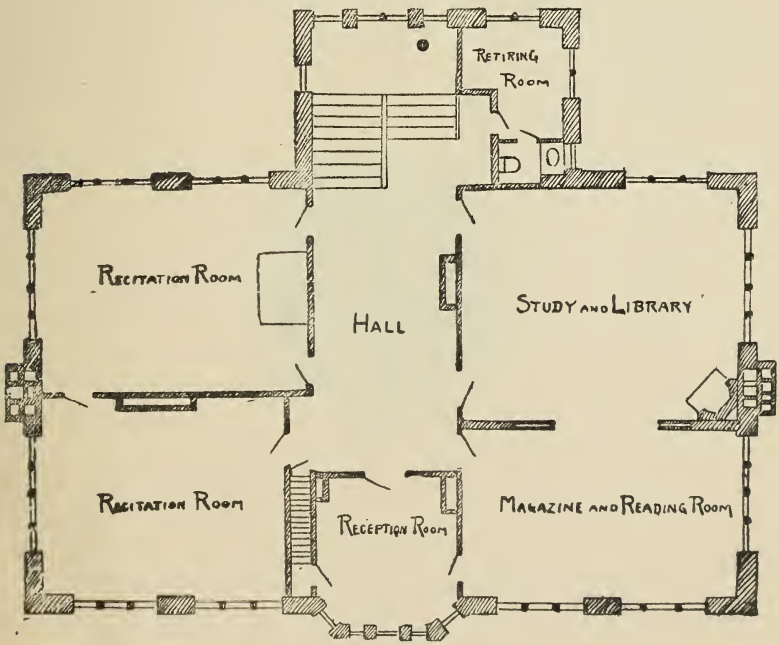

SECOND FLOOR PLAN.

WOMEN'S COLLEGE

IN

BROWN UNIVERSITY

ANNUAL

ANNOUNCEMENT

ACADEMIC YEAR 1896-97

PROVIDENCE, R. I.
REMINGTON PRINTING CO., 63 WASHINGTON STREET
1896

ANNUAL ANNOUNCEMENT

By vote of its Corporation on September 2, 1891, Brown University opened all its examinations to women. By a further vote on June 21, 1892, it opened all its degrees to women. By a third vote on June 23, 1892, to women already holding Bachelors' degrees, and to other women of liberal education who may secure special permission, it opened, on the same terms as to men, all those of it courses of instruction which are intended for graduate students.

That is, so far as its graduate department is concerned, the University places women on exactly the same footing as men. In respect to instruction, examinations, and degrees, the two sexes are treated precisely alike. The expenses, too, are the same.

On June 18, 1896 the Corporation voted to provide instruction for undergraduate women as follows:

There is hereby established a department of the University to be known as the Women's College in Brown University.

The President of the University shall be charged with the general direction, supervision and government of this College as of other departments of the University.

The immediate charge of the college in respect to registration, teaching, government and discipline, shall be devolved, subject to the direction of the President, on the Dean of the Women's College, to be elected annually by the Corporation.

The instruction in the Women's College shall be given by the professors and instructors in Brown University.

Brown University examinations shall hereafter be open to women only when they are registered in the Women's College or as graduate students.

The Corporation will receive gifts of money to found scholarships, fellowships and professorships in Brown University for the behoof of its women students, and for the general purposes of the

Women's College, and will hold and administer such funds as separate and distinct from the general funds of the University.

The conditions of women's examinations upon undergraduate work are as follows:

Women take entrance examinations at the same times and places and under the same conditions as men. But women candidates may present certificates in place of entrance examinations, subject to the same conditions which apply to men. All women's examinations in college studies are to be taken at the University, none elsewhere.

To be admitted to advanced examinations, candidates must have passed all entrance examinations, as well as all examinations which cover the work of previous terms.

The subjects for women's examinations, when not identical with those in the courses of instruction given in the University, in all cases closely correspond to them.

The Sixth Academic Year of the Women's College begins Wednesday, September 16, 1896, with Chapel Service in Sayles Hall, at 8.40 A. M. At the close of this the classes will begin their sessions according to the schedule.

On this occasion and at all chapel services women students are welcome, but attendance at chapel services is not required of them.

The required studies of the four years will be provided for as indicated below. Only such elective courses are mentioned as it is thought will prove attractive to the majority of the women students. It is specially desirable that election be confined as far as possible to the courses named. Individual preferences in electives may be specially provided for by consultation with the Dean.

Before each University examination period the Dean of this College files with the Registrar of the University a list of all undergraduate candidates for University examinations who are approved by the instructors in the Women's College, thus certifying to the fitness of the candidates to undertake the examinations desired; but no candidate will be approved whose term bill and examination fee are not paid or satisfactorily arranged for, *at least five days previous to the beginning of each examination period.*

OFFICERS OF INSTRUCTION

With their Titles in Brown University

ELISHA BENJAMIN ANDREWS, D.D., LL. D., PRESIDENT
Professor of Moral and Intellectual Philosophy.

BENJAMIN FRANKLIN CLARKE, A. M.
Professor of Mechanical Engineering.

JOHN HOWARD APPLETON, A. M.
Newport-Rogers Professor of Chemistry.

ALONZO WILLIAMS, A. M.
Professor of the Germanic Languages and Literatures.

WILLIAM CAREY POLAND, A. M.
Professor of the History of Art and Director of the Museum of Fine Arts.

NATHANIEL FRENCH DAVIS, A. M., LL. D.
Professor of Pure Mathematics.

WILLIAM WHITMAN BAILEY, A. M.
Professor of Natural History (Botany).

ALBERT GRANGER HARKNESS, A. M.
Professor of Roman Literature and History.

HERMON CAREY BUMPUS, PH. D.
Professor of Comparative Anatomy and Curator of the Museums.

COURTNEY LANGDON, A. B.
Associate Professor of the Romance Languages and Literatures.

WILFRED HAROLD MUNRO, A. M.
Associate Professor of History nad Director of the University Extension.

JOHN MATTHEWS MANLY, PH. D.
Professor of the English Language.

OTIS EVERETT RANDALL, PH. D.
Associate Professor of Mechanical Drawing.

JAMES IRVING MANATT, PH. D., LL. D.
Professor of Greek Literature and History.

WALTER COCHRANE BRONSON, A. M.
Professor of English Literature.

WALTER GOODNOW EVERETT, PH. D.
Associate Professor of Philosophy.

ASA CLINTON CROWELL, PH. D.
Assistant Professor of Germanic Languages and Literatures.

CARL BARUS, PH. D.
Hazard Professor of Physics.

FRANCIS GREENLEAF ALLINSON, PH. D.
Associate Professor of Greek.

HENRY PARKER MANNING, PH. D.
Assistant Professor of Pure Mathematics.

HAMMOND LAMONT, A. B.
Associate Professor of Rhetoric and Oratory.

JAMES QUAYLE DEALEY, PH. D.
Assistant Professor of Social and Political Science.

WALTER BALLOU JACOBS, A. M.
Associate Professor of Pedagogy.

FRANK WASHINGTON VERY, B. S.
Pro tempore Professor of Astronomy and Director of Ladd Observatory.

LOUIS FRANKLIN SNOW, A. M.
Dean of the Women's College,
20 Taber Avenue; Office 235 Benefit Street.

JOHN FRANCIS GREENE, A. B.
Instructor in Latin.

ALBERT BUSHNELL JOHNSON, A. M.
Instructor in the Romance Languages.

ROBERT ELKIN NEIL DODGE, A. M.
Instructor in English Literature.

JOHN ELOF BOODIN, A. M.
Instructor in Philosophy.

WILLIAM WASHBURN MOSS, A. M.
Instructor in Mathematics.

ADOLPH CONRAD ELY, A. M.
Instructor in German.

GEORGE ABNER WILLIAMS, PH. D.
Instructor in Greek.

JOSEPH NICKERSON ASHTON, A. M.
Instructor in Musical Theory and History.

FREDERICK SLOCUM, A. M.
Instructor in Mathematics.

ADA GENEVA WING, A. M.
Comparative Anatomy and Physiology.

MARIA STORRS PECK, B. P.
Secretary,
106 George Street.

ADMISSION TO COURSES LEADING TO DEGREES

Pupils from schools of known excellence are admitted to the Freshman Class without examination, on the certificates [not diplomas] of the Principals of these schools. Upon application by the Principal of any school from which pupils are received in this manner, the University furnishes blank forms for these certificates.

The regular examinations for admission to the FRESHMAN CLASS take place on Thursday, Friday, and Saturday, of Commencement week, June 18, 19, and 20, 1896, beginning at 9 o'clock A. M. on Thursday.

These examinations occur in Rhode Island Hall. Candidates must present themselves promptly at the appointed times.

The order of the examinations will be:

THURSDAY, JUNE 18

Greek, South Room, from 9 A. M. to 12.30 P. M.
Latin, North Room, from 2.30 to 6 P. M.
History, for B. P. candidates, North Room, from 9 A. M. to 12.30 P. M.

FRIDAY, JUNE 19

Mathematics, South Room, from 8.15 A. M. to 12.30 P. M.
French, South Room, from 3 to 5 P. M.
German, North Room, from 3 to 5 P. M.

SATURDAY, JUNE 20

English, South Room, from 9 to 11 A. M.

There will be, as follows, a second examination in each of the above branches, on Monday and Tuesday, September 14 and 15, 1896.

MONDAY, SEPTEMBER 14

German, South Room, R. I. Hall, from 9 to 11 A. M.
French, North Room, R. I. Hall, from 9 to 11 A. M.
English, South Room R. I. Hall, from 11.30 A. M. to 1 P. M.
Mathematics, North Room, R. I. Hall, from 2 to 6 P. M.

TUESDAY, SEPTEMBER 15

Latin, North Room, R. I. Hall, from 8 to 10.30 A. M.
Greek, South Room, R. I. Hall, from 11.00 A. M. to 1.30 P. M.

For admission to ADVANCED STANDING, unless coming from other Colleges of high standing, candidates are examined in the studies already pursued by the respective classes which they propose to enter. These examinations for 1896 will be held on Monday and Tuesday, September 14 and 15. Students must report at the Registrar's Office at 9 A. M. on Monday, September 14. A student from another College must present a certificate of his standing in the College which he has left and of regular dismission from it.

Qualified members of the Freshman Class are matriculated at the beginning of the second term. Till matriculation, all candidates for degrees, however admitted, are regarded as on probation.

1, Entrance Examinations to be Passed by Every Candidate for a Degree

Unless admitted by certificate every undergraduate candidate for a degree in Brown University, whether Bachelor of Arts, Bachelor of Philosophy, Bachelor of Science, Civil Engineer or Mechanical Engineer, is, before entering College, required to pass examination upon a certain amount of Mathematics, upon a certain amount of English, and upon a certain amount either of French or of German.

Of candidates for the degree of Civil Engineer or for that of Mechanical Engineer, no other entrance examinations are required.

The entrance examinations which all candidates for degrees must pass are the following:

A. Mathematics. 1. Algebra, through Equations of the Second Degree, including Arithmetical and Geometrical Progression and the use of the Binomial Formula. 2. Plane Geometry.

B. English. The examination in English consists of two parts, one to test the pupils' General Reading, the other to bring out the results of their more careful Study and Practice in this branch. The entire examination occupies not less than two hours.

Part I. Reading and Practice. This examination for 1896 will be upon the following works: Shakespere's A Midsummer Night's Dream, Defoe's History of the Plague in London, Irving's Tales of a Traveller, Scott's Woodstock, Macaulay's Essay on Milton, Longfellow's Evangeline, and George Eliot's Silas Marner.

The candidate must exhibit a good general knowledge of the subject-matter of each work, and answer simple questions on the lives of the authors. The usual form of examination is the writing of a paragraph

or two on each of several topics, to be chosen by the candidate from a considerable number, perhaps ten or fifteen, named in the examination paper. The treatment of these topics is to test his power of clear and accurate expression. In place of a part or the whole of this exercise, the candidate may be allowed to present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading.

In 1897, the books for this portion of the examination will be Shakespere's As You Like It, Defoe's History of the Plague in London, Irving's Tales of a Traveller, Hawthorne's Twice Told Tales, Longfellow's Evangeline, and George Eliot's Silas Marner.

In 1898, they will be Milton's Paradise Lost. Books I and II, Pope's Iliad, Books I and XXII, The Sir Roger de Coverley Papers in the Spectator, Goldsmith's The Vicar of Wakefield, Coleridge's Ancient Mariner, Southey's Life of Nelson, Carlyle's Essay on Burns, Lowell's The Vision of Sir Launfal, and Hawthorne's The House of the Seven Gables.

In 1899, Dryden's Palamon and Arcite, Pope's Iliad, Books I, VI, XXII and XXIV, The Sir Roger de Coverley Papers in the Spectator, Goldsmith's The Vicar of Wakefield, Coleridge's The Ancient Mariner, De Quincey's The Flight of a Tartar Tribe, Cooper's The Last of the Mohicans, Lowell's The Vision of Sir Launfal, Hawthorne's The House of the Seven Gables.

In 1900, Dryden's Palamon and Arcite, Pope's Iliad, Books I, VI, XXII, XXIV, The Sir Roger de Coverley Papers in the Spectator, Goldsmith's The Vicar of Wakefield, Scott's Ivanhoe, De Quincey's The Flight of a Tartar Tribe, Cooper's The Last of the Mohicans, Tennyson's The Princess, and Lowell's The Vision of Sir Launfal.

Part II. Study and Practice. This portion of the examination for 1896 will be upon the following works: Shakespere's The Merchant of Venice, Milton's L'Allegro, Il Penseroso, Comus and Lycidas, and Webster's First Bunker Hill Oration. This section of the examination requires a more careful study of each of the works named. It involves subject-matter, form, and structure, and also, more particularly than Part I, tests the candidate's ability to express his knowledge with clearness and accuracy.

In 1897, Shakespere's The Merchant of Venice, Burke's Speech on Conciliation with America, Scott's Marmion, and Macauley's Life of Samuel Johnson, will form the list.

In 1898, Shakespere's Macbeth, Burke's Speech on Conciliation with America, De Quincey's The Flight of a Tartar Tribe, and Tennyson's The Princess.

In 1899, Shakespere's Macbeth, Milton's Paradise Lost, Books I and II, Burke's Speech on Conciliation with America, and Carlyle's Essay on Burns.

In 1900, Shakespere's Macbeth, Milton's Paradise Lost, Books I and II, Burke's Speech on Conciliation with America, Macauley's Essays on Milton and Addison.

NOTE: Reading parallel and subsidiary to all the above should be encouraged. Students are also recommended to commit to memory as much English poetry as possible. The essentials of Grammar must not be neglected, and no candidate will be accepted in English whose work is notably defective in spelling, punctuation, idiom, or division into paragraphs.

C. French or German. Each candidate for any degree whatever must pass examination either upon a certain amount of French or upon a certain amount of German, but a candidate may present the one or the other of these languages according to her wish. Students who present German for entrance must continue German during the Freshman year, and also take French in their Sophomore year.

For candidates who offer **French** the requirements are as follows:

1. Proficiency in Elementary French Grammar, implying especially, familiarity with the following topics: Inflection of nouns and adjectives in gender and number; the pronominal adjectives; the use of pronouns, especially the forms and positions of personal pronouns; the partitive constructions; the inflection of the regular verbs, and of the more usual irregular verbs, such as *dire*, *faire*, and the classes represented by *ouvrir*, *sentir*, *venir*, *paraître*, *conduire*, and *craindre*.

The mention of these topics is not proposed as restrictive, but is meant rather to emphasize the importance of a thorough grounding of the pupil in those elements on which future good work necessarily depends. Mastery of Professor Whitney's Brief French Grammar will be regarded as sufficient.

2. Ability to translate simple prose at sight.

It is believed that the required facility can be gained by reading concurrently with the work of the Grammar from two hunded to four hundred duodecimo pages out of at least three dissimilar works, but care should be taken not to read works assigned in the college courses.

3. Ability to pronounce French and to recognize French words and simple phases when uttered.

It is recommended that from the beginning careful attention be given to the fluent and intelligent pronunciation of the French texts used in the class-room.

For students who offer **German** as a preparatory study the requirements are as follows: 1. Proficiency in Elementary German Grammar, implying especially, familiarity with the following topics: Declension of such nouns as are readily classified, of adjectives and pronouns; conjugation of weak and of the more usual strong verbs; the more common prepositions, the simpler uses of the modal auxiliaries; the simpler rules of syntax and of word order.

The mention of these topics is not proposed as restrictive, but is meant rather to emphasize the importance of a thorough grounding of the pupil in those elements on which future good work depends. Mastery of Professor Whitney's Brief German Grammar will be regarded as sufficient.

2. Ability to translate a passage of simple prose at sight, a vocabulary of the less usual words being furnished.

It is believed that the required facility can be gained by reading concurrently with the work in the grammar, two hundred duodecimo pages of easy German, chiefly narrative prose, with a few lyric poems, but care should be taken not to read the works assigned in the college courses.

3. Ability to pronounce German, and to recognize German words and simple phrases when uttered.

It is recommended that from the beginning careful attention be given to the fluent and intelligent pronunciation of the German texts used in the class-room.

Candidates for the degree of Civil Engineer or for the degree of Mechanical Engineer are required to pass only the above entrance examinations.

II, Additional Entrance Examinations to be passed by Certain Candidates

A. Additional Entrance Examinations to be passed by Candidates for the Degree of Bachelor of Arts.

Besides the foregoing examinations in Mathematics, English, and French or German, candidates for admission to the courses leading to this degree are examined in the following subjects. Real equivalents will be received for any of the works mentioned:

I. Greek. 1. Authors: Xenophon's Anabasis entire, or four books of the Anabasis and three of Homer, regard being had not only to language but to subject-matter as well. Two books of the Helienica may be offered in place of a like part of the Anabasis; and preparation in Homer may be in either Iliad or Odyssey. 2. Grammar: A familiar knowledge of inflection, word-formation and ordinary syntax. 3. Composition: The first twenty-five exercises of Jones' Composition, or Allinson's Composition as far as Part III, or Collar & Daniell's entire. 4. History: The general history of Greece to the death of Alexander.

Candidates are expected to be able to translate at sight simple Attic prose, unusual words being defined, and to write in Greek simple connected narrative based upon the Anabasis or the Hellenica.

II. Latin. 1. Cæsar, Gallic War, books i-iv, or books i-iii and Sallust's Catiline, with questions on the subject-matter and on grammar. 2. Ovid, twenty-five hundred lines. 3. Cicero, the orations against Catiline, and the oration for Archias, with questions, as on Cæsar. 4. Vergil, Aeneid, books i-vi, or Aeneid, books i-v and the Eclogues, with questions on the subject-matter and on prosody. 5. Translation at sight, of ordinary passages from Cæsar, Cicero's Orations, Vergil's Aeneid, and Ovid's Metamorphoses, with questions on grammar, prosody, history and antiquities, suggested by the passages assigned. 6. Translation into

Latin of simple English sentences. 7. Translation into Latin of a continuous passage of English narrative, prepared from some portion of the prescribed prose. 8. Outline of Roman Geography, and of Roman History to the end of the reign of Marcus Aurelius. It is recommended that pupils be accustomed, from the beginning of their preparatory course, to translate into Latin, both oral and written, passages prepared by the teachers on the basis of the prose authors read.

In pronouncing Latin it is recommended that *ā* be pronounced as in *father*, *ă* as the *a* in *Cuba*; *ē* as in *prey*, *ĕ* as in men; *ī* as in *machine*; *ĭ* as in *cigar*; *ō* as in *old*, *ŏ* as in *obey*; *ū* as in *rule*, *ŭ* as in *full*; *j* as *y* in *yard*; *c* always as *k* in *king*; *g* always as *g* in *get*.

Instructors in preparatory schools are urged to insist upon the use of simple and idiomatic English in the translation of Greek and Latin.

Preliminary Examinations in the Classics

In the studies named below, candidates may be examined one year before the time at which they intend to apply for admission to the Freshman Class. These examinations will occur, for 1896, on Thursday, June 18, *and then only*. They will be held in the *South Room of Rhode Island Hall*, and in the following order:

Greek, from 9 A. M. to 12 : 30 P. M.
Latin, from 2 : 30 to 5 : 30 P. M.

The subjects will be: I, **In Greek:** 1. Greek Grammar. 2. Three books of Xenophon's Anabasis. II, **In Latin:** 1. Latin Grammar. 2. Cæsar, or Cæsar and Sallust, as above. 3. Translation into Latin of simple sentences. 4. Ovid, or Cicero, or Vergil, as above.

B. Additional Entrance Examinations to be passed by Candidates for the Degree of Bachelor of Philosophy. Besides the examinations in Mathematics, English and French or German already specified. Candidares for the degree of Bachelor of Philosophy are examined as follows:

I. Latin. 1. Cæsar, Gallic War, books i-iv, or books i-iii and Sallust's Catiline, with questions on the subject-matter and on grammar. 2. Ovid, twenty-five hundred lines. 3. Cicero, the Orations against Catiline, and the oration for Archias, with questions, as on Cæsar. 4. Vergil, Aeneid, books i-vi, or Aeneid, books i-v and the Eclogues, with questions on the subject-matter and on prosody. 5. Translation, at sight, of ordinary passages from Cæsar, Cicero's Orations, Vergil's Aeneid, and Ovid's Metamorphoses, with questions on grammar, prosody, history and antiquities, suggested by the passages assigned. 6. Translation into Latin of simple English sentences. 7. Translation into Latin of a continuous passage of English narrative, prepared from some portion of the prescribed prose. 8. Outlines of Roman Geography.

It is recommended that pupils be accustomed, from the beginning of their preparatory course, to translate into Latin, both oral and written, passages prepared by the teachers on the basis of the prose authors read.

In pronouncing Latin, it is recommonded that *ā* be pronounced as in *father*, *ă* as the *a* in *Cuba*; *ē* as in *prey*, *ĕ* as in *men*; *ī* as in machine; *ĭ* as in *cigar*; *ō* as in *old*, *ŏ* as in *obey*; *ū* as in *rule*, *ŭ* as in *full*; *j* as *y* in *yard*; *c* always as *k* in *king*; *g* always as *g* in *get*.

Instructors in preparatory schools are urged to insist upon the use of simple and idiomatic English in the translation of Greek and Latin.

Substitute 1. Latin, Minor Requirement. In case of pupils nineteen years of age or over, who offer proof of attainments in general subjects such as a diligent and competent student would derive from two years full attendance at a good high school or academy, the above requirement in Latin is reduced to five books of Cæsar or its equivalent in Cicero, Vergil, or other standard authors. Students offering only this smaller amount of Latin cannot, however, pursue any of the Latin courses in College.

Substitute 2. Greek. Instead of the Latin specified above, whether the full or the minor requirement, candidates for the degree of Bachelor of Philosophy may offer **Greek.** Candidates presenting Greek as a preparatory study will be examined in all the Greek subjects specified above. Students fulfilling this requirement usually wish to pursue Greek in College and are permitted to do so.

Substitute 3. German, in addition to French, or French in addition to German. If they prefer students may present both the French and German mentioned, in which case no Latin examination is required of them.

II. History. Either the general history of Greece to the death of Alexander, with Roman history to the end of the reign of Marcus Aurelius; or the general history of England and of the United States.

C. Additional Entrance Examinations to be passed by Candidates for the Degree of Bachelor of Science. Besides the examination in Mathematics, English and French or German specified above, candidates for the Degree of Bachelor of Science are examined in the following:

I. Mathematics. 1. Solid and Spherical Geometry. 2. Plane Trigonometry, with the use of Logarithmic and trigonometric tables.

II. Latin. Five books of Cæsar, or the equivalent thereof in Cicero or in Vergil. *Option:* If the candidate prefer he may present *both* the French and the German specified above, in which case no examination in Latin is required.

III. History. Either the general history of Greece to the death of Alexander, with Roman History to the end of the reign of Marcus Aurelius; or the general history of England and of the United States.

Admission to Special Courses

Pupils are admitted to select courses covering but single terms, and even to work in single branches. Each applicant for registration in such a course must present to the Dean sufficient evidence of her ability to pursue the subject chosen. Also every select student, unless especially excused by the Dean and by the Professor in charge of her course, must prepare for and pass an examination at the completion of her course. To be admitted to advanced examinations, candidates must have passed all entrance examinations, as well as all examinations which cover the work of previous terms.

The Courses of Instruction

Arranged according to years and time

Required Studies

FRESHMAN YEAR

1. Of all candidates for all degrees:

* French 1.	3 h.	French 2.	3 h.	French 3.	3 h.
or		or		or	
* German 4.	3 h.	German 5.	3 h.	German 6.	3 h.
Mathematics 1.	5 h.	Mathematics 3.	5 h.	Mathematics 2.	3 h.

2. Of all candidates for the degree of A. B.

Greek 1.	4 h.	Greek 2.	4 h.	Greek 3.	4 h.
Latin 1.	4 h.	Latin 2.	4 h.	Latin 3.	4 h.

3. Candidates for the degree of B. P. may substitute for the above ancient languages from the following:

Botany 1.	4 h.	Botany 2.	4 h.	Botany 3.	4 h.
Rhetoric 2.	4 h.	Rhetoric 3.	4 h.	Rhetoric 4.	4 h.
Drawing 1.	4 h.	Drawing 5.	4 h.	Drawing 6.	4 h.
Comp. Anat. 15.	4 h.	Comp. Anat. 1.	4 h.	Comp. Anat. 2.	4 h.

SOPHOMORE YEAR

Rhetoric 2.	4 h.	Rhetoric 3.	4 h.	Rhetoric 4.	4 h.
German 1.	3 h.	German 2.	3 h.	German 3.	3 h.
or		or		or	
* French A.	3 h.	French B.	3 h.	French C.	3 h.

and sufficient electives to make up sixteen hours per week.

Junior Year.

History 1. 3 h.	History 2. 3 h.	
Rhetoric 33. 1 h.	Rhetoric 34. 1 h.	Rhetoric 35. 1 h.

and sufficient electives to make up sixteen hours per week.

Senior Year

Elective studies, fifteen hours per week, may be selected from the Elective List or by consultation with the Dean on or before September 15.

* [Students who pursue French 1, 2, 3, during Freshman year, must take German 1, 2, 3, during Sophomore year. Those who pursue German 4, 5, 6, during Freshman year, must take French A. B. C. during Sophomore year.]

Elective Studies

English 1. 3 h.	English 2. 3 h.	English 3. 3 h.
English 4. 3 h.	English 5. 3 h.	English 6. 3 h.
English 31. 3 h.	English 32. 3 h.	English 33. 3 h.
English 56. 3 h.	English 57. 3 h.	English 58. 3 h.
German 4. 3 h.	German 5. 3 h.	German 6. 3 h.
German 7. 3 h.	German 8. 3 h.	German 9. 3 h.
French 4. 3 h.	French 5. 3 h.	French 6. 3 h.
French 13. 3 h.	French 14. 3 h.	French 15. 3 h.
Spanish 1. 3 h. or Italian 1. 3 h.	Spanish 2. 3 h. or Italian 2. 3 h.	Spanish 3. 3 h. or Italian 3. 3 h.
Latin 11. 3 h.	Latin 12. 3 h.	Latin 13. 3 h.
Greek. 16. 3 h.	Greek. 3 h.	Greek. 3 h.
History of Art 1. 3 h.	History of Art 4. 3 h.	History of Art 6. 3 h.
Music 10. 3 h.	Music 11. 3 h.	Music 12. 3 h.
History 15. 3 h.	History 11. 3 h.	History 16. 3 h.
		History 3. 3 h.
Astronomy 1. 3 h.	Astronomy 2. 3 h.	Astronomy 6. 3 h.
Chemistry 1. 3 h.	Chemistry 2. 3 h.	Chemistry 3. 3h.
Physics 1. 3 h.	Physics 2. 3 h.	Physics 4. 3 h.
Comp. Anat. 15. 3 h.	Comp. Anat. 1. 3 h.	Comp. Anat. 2. 3 h.
Botany 1. 3 h.	Botany 2. 3 h.	Botany 3. 3 h.
Mathematics 9. 3 h.	Mathematics 10. 3 h.	Mathematics 11. 3 h.
Political Science 1. 3. h.	Political Science 4. 3 h.	Political Science 2. 3 h.
Philosophy 2. 3 h.	Philosophy 3. 3 h.	Philosophy 19. 3 h.
Philosophy 36. 3 h.	Philosophy 37. 3 h.	Philosophy 38. 3 h.
Pedagogy 1. 3 h.	Pedagogy 2. 3 h.	Pedagogy 3. 3 h.

COURSES OF INSTRUCTION ARRANGED ACCORDING TO DEPARTMENTS

Philosophy

2, 3, *Psychology.* General Synthetic Course. Three hours. First and Second Terms respectively. Elective for Juniors and Seniors.

36, 37, 38. *Philosophical Introduction.* An elementary course on the main problems of philosophy and their typical solutions, intended to acquaint the student with the standpoint and method of philosophical discussion and to introduce him to the literature of the subject. Three hours. First, Second and Third Terms. Elective for Juniors and Seniors.

[8, *History of Greek Philosophy.* Three hours. First Term. Elective for Seniors and graduates.

9, *History of Mediaeval and Early Modern Philosophy.* Three hours. Second Term. Elective for Seniors and graduates who have passed in Course 8.

10, *History of recent and Contemporary Philosophy.* Three hours. Third Term. Elective for Seniors and graduates who have passed in Courses 8 and 9.] Omitted 1896-97.

19, Logic. Three hours. Third Term. Elective for Sophomores, Juniors and Seniors.

Pedagogy.

1. History of Educational Theories and Institutions. Three hours. First Term.
2. The Institute of Pedagogy. Three hours. Second Term.
3. Practical Pedagogy. Three hours. Third Term.

Elective for Seniors.

Greek Literature and History

1. *Lysias.* Practice in sight-reading and in hearing and speaking Greek, on the basis of the text in hand. Four hours. First Term. Required of candidates for the degree of Bachelor of Arts.

2. *Herodotus and Thucydides.* Practice in sight-reading and in using Greek, as above. Four Hours. Second Term. Required of candidates for the degree of Bachelor of Arts.

3. *Homer.* The Odyssey. History of Greek Literature. The Homeric Question. The Life of the Heroic Age as revealed in the Poems and illustrated by ancient archæological research. Practice in sight-reading and in rendering into Attic Prose. Four hours. Third term. Required of candidates for the degree of Bachelor of Arts.

One hour a week in the above courses is devoted to Greek Composition and History.

[13, 14, 15. *Homer and the Mycenean Civilization.*. The Odyssey, with portions of the Iliad, will be read in the original; the rest of the remainder of the poems (including the Homeric Hymns) in translation. The work will be constantly illustrated by the results of archæological research. at Mycenæ and other Homeric centres. Three hours through the year. Elective for all students who have passed with credit courses 1, 2, 3 or equivalents.] Omitted in 1896-97.

16. *Greek Tragedy and Comedy.* Introductory lectures on the Greek Drama and its setting. The "Oresteia" of Aeschylus or the "Agamemnon" and the "Persians." Sophocles — "Œdipus Tyrannus" and "Antigone." Euripides—Several plays.

The three tragic parts will be illustrated by reading in Greek, the "Frogs," and extracts from the other comedies, of Aristophanes, with informal lectures and readings based upon Lymonds' "Greek Poets," with Browning's "Balaustion" and "Aristophanes Apology," the other dramas etc. Three hours through the year. Elective for Sophomores. Juniors and Seniors.

The course will be continued in this general line through the year.

Roman Literature and History

1. *Livy.* Early Roman History. Four hours. First Term. Required of A. B. candidates.

2. *Cicero.* Letters. Cicero and his Times. Four hours. Second Term. Required of A. B. candidates.

3. *Tacitus.* Germania and Agricola. History of the Early Empire. Four hours. Third Term. Required of A. B. candidates.

[7. *The Origin of Latin Poetry and the Development of the Drama.* Readings from Plautus and Terence. Three hours. First Term. Elective for all students who have passed with credit courses 1, 2, 3.

8. *The Poetry of the Republic continued and the Poetry of the Augustan Age.* Readings from Lucretius and other Authors of this period. Three hours. Seeond Term.

9. *The Poetry of the Silver Age.* Readings from Authors of the period. Three hours. Third Term.] Omitted in 1896-97.

11. *Prose of the Republican Period.* The Development of Oratory. Readings from specimens of Early Latin, from Cicero's Brutus, and from Quintilian. Three hours. First Term. Elective for Juniors and Seniors.

12. *Prose of the Augustan Age.* The development of Historical Writing: Readings from the Historians. Three hours. Second Term. Elective for Juniors and Seniors.

13. *Prose of the Silver Age.* Roman Philosophers. Readings from Seneca and from other authors of this period. Three hours. Third Term. Elective for Juniors and Seniors.

The object of courses 11-13 is to give a connected idea of the development and history of Latin Prose. These courses alternate with corresponding courses on the history of Latin Poetry.

The Fine Arts

History and Criticism

1. *Ancient Art or Classical Archaelogy.*. General course in the history of ancient art, chiefly Greek and Roman. Text-book. Lectures, illustrated by casts, lantern views, photographs, and engravings, with collateral reading. Three hours. First Term. Elective for Juniors, Seniors and graduates.

4. *Early Christian and Mediæval Art.* This course includes some notice of Byzantine, Arabian and Oriental Art, (Persia, India, China, Japan), and more particularly a study of Romanesque and Gothic Art. Text-book and lectures, illustrated by lantern views. Three hours. First Term. Elective for Juniors, Seniors and graduates.

6. *The Art of the Renaissance.* Text-book and lectures, illustrated by lantern views. Three hours. Third Term. Elective for Juniors, Seniors and graduates.

The above courses (1, 4, 6,) may be taken independently of each other, but students are advised to elect all three, as they present a consecutive outline of the history of the most important epochs of Art. Course 1 is so important, not only in itself, but as preparatory to the study of Art in all periods, that students are strongly advised to take it, when possible, before taking any other course in the History of Art.

Music

Music 10, 11, 12. The History and Structure of Music. Three hours. Through the year. Elective for Sophomores, Juniors and Seniors.

Music 10, 11 and 12 constitute an introductory and general course, the aim of which is to offer an opportunity of acquiring a large and intelligent appreciation of the masterpiece of the tone world. The characteristic forms of music—the fugue, the oratorie, the opera, the song, etc.—and the methods of musical composition will be described and illustrated. The history of music will be traced from the earliest times down to the present, the musicians and monumental works of the present century receiving the most extensive consideration.

Rhetoric

2, 3, 4. Practical Rhetoric. Three hours. Through the year. Required of all Sophomores who have not taken the subject in the Freshman year. Elective for Freshmen on the B. P. or B. S. Course. For Freshmen this course will be increased to four hours.

33, 34, 35. Argumentative Composition. One hour. Through the year. Required of all Juniors. There will be no drill in oral delivery, but simply in written argumentative composition. Lectures will be given containing practical suggestions on the art of argumentation, as well as comments on defects common in argumentative work, and criticism of arguments written by the students themselves. The students will be expected to present a brief based upon a masterpiece of argumentative composition, and then four arguments preceded by briefs. The subjects will be taken from the current discussions in the public prints and from the various college courses. Thus by a proper choice of topics students may make their work in argument help them to a knowledge of public questions or of the studies in which they are specially interested. Each argument is to contain between 1,000 and 1,500 words. The briefs will be criticised in detail by the instructors and returned to the students in time for them to profit by the corrections in writing the arguments. The arguments will also be criticised in detail. Consultation hours will be arranged, so that there will be opportunity for frequent personal conferences on the work of the course.

English Literature and Language

Courses announced in groups are continuous. Thus a student cannot take English 5 without having taken English 4. Nor can he take English 6 without having taken English 4 and 5. The same principle applies to all courses similarly grouped. In all other instances prerequisites for admission to a course are especially announced.

1, 2, 3. English Literature. Elementary Course. Designed as a preparation for the more advanced courses, and also as a general course for students who do not intend to pursue the subject of English Literature further in college. The work will be of two kinds: *a*. Critical: training in careful reading; study of the elements of literary form. *b*. Historical: rapid readlng in the principal poets and prose-writers from Spenser to Tennyson; lectures, supplemented by a text-book, on authors and periods. Three hours. Through the year. Elective for Sophomores and Juniors, and for Seniors who have taken no literary course in the English department. After 1895-96 students who have not taken 1, 2, 3, or some other literary course, will not be admitted to the more advanced courses in English Literature. The Linguistic courses will still be open to them.

4. 5, 6. Shakspere. Linguistic Course. Three hours. Through the year. Elective for Juniors and Seniors. May be taken two years in succession.

31, 32, 33. English Literature from Dryden to Cowper, exclusive of the Novel. In this course the great men will be studied, and such of the lesser men as are especially characteristic of their time. Some stress will be laid on political and social conditions, the state of the reading public, and similar topics. The course will be a careful general survey of the field. The student will be held to methodical and careful reading. Three hours. Through the year. Elective for Juniors and Seniors.

English 56, 57, 58. English poetry from Spenser and Milton, inclusive. Three hours. Through the year. Open to those who have taken 31, 32, 33, or its equivalent, and to those who have passed in 1, 2, 3 with marked credit.

The better part of the first term will be devoted to Spenser; the better part of the last term to Milton. The intervening time will be devoted to representative poets of the period covered, Sidney, Dunne, Herrick, etc. These poets will be studied rather from the literary than the historical standpoint.

History

1. *General Mediæval History of Europe.* Recitations and lectures, reports by members of the class, and supplementary readings. Three hours. First Term. Required of all Juniors.

2. *General Modern History of Europe.* Methods as indicated under Course 1. Three hours. Second Term. Required of all Juniors.

3. *The Reformation.* Third Term. Elective for Juniors, Seniors and graduates.

15. *Islam and the Crusaders.* Recitations, informal lectures and supplementary reading. Three hours. First Term.

11. *The Renaissance.* Three hours. Second Term.

16. *The French Revolution.* Third Term. Elective for Juniors, Seniors and graduates.

Social Science

[1. *The Principles of Sociology.* With a study of Primitive Civilization. Lectures. Three hours. First Term. Elective for Juniors and Seniors.

2. *Social Problems and Conditions.* The Family, Marriage, Divorce; Charity, Penology, Pauperism, Criminology; Immigration, Intemperance, Education. Lectures. Three hours. Second Term. Elective for Juniors and Seniors.

3. *Social Problems and Conditions.* Continuation of Course 2. Also Studies into Questions of Labor, Municipal Government and Social Legislation. Lectures. Three hours. Third Term. Elective for Juniors and Seniors.] Omitted 1896-97.

Political Science

1. *The State.* Origin, development, conditions, forms, end, and functions. Recitations, lectures, exercises. Three hours. First Term. Elective for Juniors and Seniors.

4. *United States Constitutions.* National and local constitutions and institutions. Three hours. Second Term. Elective for those who have taken Course 1.

2. *Comparative Study of Constitutions.* Especially those of the United States, Germany, France, Switzerland, England. Lectures and exercises. Three hours. Third Term. Elective for those who have completed Course 1.

Germanic Languages and Literatures

1. *Elementary Course.* Wenckebach's *Deutches Lesebuch* and *Collar's Shorter Eysenbach.* Three hours. First Term. Required of Sophomores.

2. *Intermediate Course.* Grammar. Composition. Conversation. Translation of selections in prose and verse in Goethe, Uhland, Schiller, Freytag, Benedix, Heyse. Three hours. Second Term. Required of Sophomores.

3. *Heine.* Life and works. *Lyrics. Harzreise.* Reading at sight. Grammar. Composition. Conversation. Three hours. Third Term. Required of Sophomores.

4. *Schiller as Dramatist. Jungfrau von Orleans. Maria Stuart.* Lectures. Essays. Three hours. First Term. Elective for those who have passed in Courses 1, 2 and 3.

5. Schiller's *Balladen und Romanzen.* Lectures. Essays. Three hours. Second Term. Elective for those who have passed in Course 4.

6. *Lessing as Dramatist. Emilia Galotti. Minna von Barnhelm, Nathan der Weise.* Lectures. Essays. Three hours. Third Term. Elective for those who have passed in Course 5.

7. *Goethe's Sturm-und Drangperiode. Götz von Berlichingen, Die Lieden des jungen Werthers.* Lectures. Essays. Three hours. First Term. Elective for those who have passed in Course 6.

8. *Goethe's Classical Dramas. Iphigenie auf Tauris, Torquato Tasso.* Lectures. Essays. Three hours. Second Term. Elective for those who have passed in Course 6.

9. *Goethe's Faust.* Lectures. Essays. Three hours. Third Term. Elective for those who have passed in Course 6.

[16. *Early German Literature.* Lectures. Readings. Essays. Three hours. First Term. Elective for those who have studied German not less than one year.

17. *German Literature.* Klopstock. Herder. Lessing. Wieland. *Die Aufklärung. Der Göttinger Dichterbund. Die Sturm-und Drangperiode.* Lectures. Readings. Essays. Three hours. Second Term. Elective for those who have passed in Course 16.

18. *German Literature. Goethe and Schiller.* Lectures. Essays. Three hours. Third Term. Elective for those who have passed in Course 17.] Omitted 1896-97.

Romance Languages and Literatures

French

A. *Elementary Course.* Grammar, composition and the reading of easy selections in modern French. Three hours. Through the year. The equivalent of the Elementary French required for admission. Required of all Sophomores who offer for admission German instead of French.

French 1, 2, 3. Modern Novels and Plays. Three hours. Through the year. Required of Freshman Class.

French 4, 5, 6 advanced course will cover both the Classic and the Romantic School, Molière and Victor Hugo receiving special attention. Three hours. Through the year.

13, 14, 15. *Practice in writing and speaking French.* Three hours. Through the year. Elective for all who have passed with credit in French 1, 2, 3.

Italian

1, 2, 3. *Introductory Course.* Grammar, composition and the reading of modern stories and plays. Three hours. Through the year. Elective for Sophomores, Juniors and Seniors.

or

Spanish

1, 2, 3. *Introductory Course.* Grammar, conversation, composition and the reading of modern stories and plays. Three hours. Through the year. Elective for Juniors, Sophomores and Seniors.

Whether Italian or Spanish is given will be at the option of the class.

Mathematics

1. *Geometry, Solid and Spherical.* Wells' Elements of Geometry, with original propositions. Five hours. First Term. Required of all candidates for the degrees of Bachelor of Arts and Bachelor of Philosophy.

3. *Trigonometry, Plane and Spherical.* Wells' Trigonometrics. Five hours. Second Term. Required of all candidates for the degrees of Bachelor of Arts and Bachelor of Philosophy.

2. *Algebra.* Wells' College Algebra. Five hours. Third Term. Required of all candidates for the degrees of Bachelor of Arts and Bachelor of Philosophy.

9. *Analytic Geometry.* Bowser's Analytic Geometry. Three hours. First Term. Elective for those who have taken Courses 1, 2 and 3. Required of candidates for the degree of Bachelor of Science.

10. *Analytic Geometry.* Bowser's Analytic Geometry. Three hours. Second Term. Elective for those who have taken Course 9. Required of candidates for the degree of Bachelor of Science.

12. *Differential Calculus.* Rice and Johnson's Differential Calculus. Three hours. Third Term. Elective for those who have taken Courses 9 and 10. Required of candidates for the Degree of Bachelor of Science.

Drawing

1. *Elementary Mechanical Drawing.* Nature, care and use of drawing instruments. Elements of orthographic and isometric projection. Four hours. First Term. Elective for Freshmen who are candidates for the degree of Bachelor of Philosophy.

5, 6. *Descriptive Geometry.* Church's Descriptive Geometry. Theory of orthographic and scenographic projection. Discussion and proof of a large number of theoretical and practical problems. Recitations and drawing. Four hours. Second and Third Terms respectively. Elective for Freshmen who are candidates for the degree of Bachelor of Philosophy, and have taken Course 1.

Chemistry

1. *Descriptive Chemistry.* Non-metals. Three hours. First Term. Elective for Sophomores.

2. *Descriptive Chemistry.* Metals. Continuation of Course 1. Three hours. Second Term. Elective for Sophomores.

3. *Descriptive Chemistry.* Carbon compounds. Continuation of Course 2. Three hours. Elective for Sophomores.

The Courses 1, 2 and 3, called Descriptive Chemistry, include also Experimental and Theoretical Chemistry. Instruction is given by text-books, by lectures, and by individual larboratory work on the part of the student. The lectures are illustrated by experiments and colored charts and by blackboard exercises.

Physics

1, 2, 4. *General Course.* Lectures illustrated by experiments, with occasional written examinations and problems. Three hours. First Term, Mechanics and Acoustics. Second Term, Optics and Radiant Heat. Third Term, Heat and Electricity. Elective for Sophomores and Juniors. Open only to those who have passed with credit mathematics 1, 3, 2.

Astronomy

1. *General Astronomy.* Young's General Astronomy, with lectures. Three hours. First Term. Elective for Juniors and Seniors.

2, 6. *General Astronomy continued.* Three hours. Second and Third Terms. Elective for those who have passed in Course 1.

Comparative Anatomy

15, 1, 2. *Introductory Biology.* [*Anatomy, Physiology and Hygiene.*] Four hours, six hours' attendance.

Though this course is planned for those desiring only a general knowledge of these subjects, it should be elected by those intending to pursue the more special courses to be offered by the department.

The student will gain a knowledge of the gross and minute anatomy of the human body sufficient for the understanding of the functions of the nervous, respiratory, digestive, circulatory, secretory, excretory and reproductive systems.

The frog and the cat will be dissected and the laboratory work supplemented by the use of anatomical preparations of the human body and by the other resources of the University, museum and laboratory. Incidentally the student will become familiar with the use of the microscope and other laboratory apparatus.

Hygiene and sanitary science, e. g.—the application of biological principles to daily life, will receive especial attention.

Elective for B. P. Freshmen and for Sophomores, Juniors and Seniors.

Botany

1, 2, 3. *Vegetable Morphology.* Elective for Freshmen who are candidates for the degree of Bachelor of Philosophy. Four hours. Elective for Sophomores. Three hours.

Physical Culture

Arrangements have been made whereby the privileges connected with the new and elegant gymnasium of the Providence Athletic Association are open to the students of the Women's College on Tuesdays and Fridays, from 2 to 3 P. M., from October 1 to April 1.

Systematic exercise is taken under the personal supervision of a competent lady instructor.

Expense, $10.00 per year, payable strictly in advance.

Expenses

For Tuition: Each full course of studies at the Women's College involving the usual sixteen hours of class room attendance and instruction a week costs $100.00 per year.

For Incidentals: Every candidate for a degree pays $12.50 toward incidental expenses (printing, service, etc.).

No deduction in tuition is made on account of absence.

One-half tuition and the incidental expenses are to be paid in advance. The remainder of the tuition is due January first. Examination fees, Laboratory expenses, etc. to be paid two weeks before the close of a term.

Brown University Examination Fees for Women are arranged according to the following schedule:

For Preliminary Entrance Examinations: $5.00 for a full set.

For Regular Entrance Examinations: $3.00 for examinations leading to a single course, $10.00 for a full set.

For Term Examinations: $10.00 for each full set.

Matriculation: Every member of the Freshman Class pays, upon admission to the College, a matriculation fee of $5.00.

Graduation: Every member of the Senior Class pays, at the close of her course a fee of $8.00 for her diploma and other expenses connected with graduation.

Select Students at the Women's College are charged as follows:

Instruction, $2.50 per term or $7.50 a year for every hour of instruction per week.

Registration: Every select student pays, upon admission to any term course, a registration fee of twenty-five cents.

Examination: For examination special students pay at the rate of seventy-five cents per weekly hour's work.

For expenses in connection with the Graduate Department see Brown University Catalogue.

All students, graduate or undergraduate, who take the courses specified below, pay the following special sums:

1. In Chemistry

Candidates for a University degree who take Courses 1, 2 or 3 in Chemistry are charged as follows: For Course 1, $1.00; for Course 2, $2.00; for Course 3, $3.00. They also have a special charge for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed $2.00 per term.

Special students who take no University studies except Courses 1, 2, 3 in Chemistry, pay for these $10.00 per term. In addition, they are charged for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed $2.00 per term.

Students who are candidates for a University degree and take advanced courses in Analytical Chemistry are charged per term, in addition to the regular University dues, the sum of $10.00 for a three-hour course in the Laboratory, and $20.00 for a six-hour course in the Laboratory. In addition, they are charged for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed $3.00 per term.

Special students who take no University studies except advanced courses in Analytical Chemistry are charged varying sums according to the nature of the courses taken. In an individual case the charge is at the rate of $4.00 per term for one hour per week of actual attendance in the Laboratory. In addition, they are charged for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed $5.00 per term.

Special students engaging places in the Laboratory must each pay for a full term. No deductions are made on account of absence.

2. Physics

Candidates for a degree who study in the Physical Laboratory pay, in addition to the regular University dues, a fee of $5.00 per term.

3. In Botany

Students who take Courses 1, 2, 3 in Botany pay, in addition to the regular University dues, a fee of $1.00 per term.

Students taking Courses 4, 5, 6 pay, in addition to the regular dues, a fee of $2.00 per term.

4. In Comparative Anatomy

Students in Comparative Anatomy pay, in addition to the regular dues, a fee of not less than $2.00 or more than $5.00 per term for each course.

Scholarships and Premiums

The Sarah E. Doyle Scholarship for young women, consisting of one thousand dollars, has been founded by the lady whose name it bears, the income to be applied toward the payment of the tuition of students in the Women's College who have been prepared for college in the Providence High School.

The Rhode Island Women's Club annually devotes the income of its Churchill Fund toward the payment of the tuition of some worthy student in the Women's College.

The Gaspee Chapter Daughters of the American Revolution Prize of forty dollars, offered by the Gaspee Chapter of D. A. R., is to be paid annually to that student in the Graduating Class of the Women's College who shall present the best essay upon some topic in American history.

The topic for the year 1896-97 is, "The Tories of New England and their Cause." The essays are to bear each an assumed name, but to be accompanied each by an envelope marked with such assumed name and enclosing a sheet of paper with the candidate's real name and address. The essays must be handed to the Dean of the Women's College before May 15, 1896. The award will be announced on Commencement Day, when the topic for the ensuing year will be named.

The students of the Women's College are entitled to compete in all examinations for premiums and prizes offered by Brown University. (See Catalogue p. 197.) Women candidates successful in first premium contests receive collateral prizes awarded by the Dean.

Boarding.

Ladies from a distance wishing to avail themselves of the educational opportunities offered by the University can find homes in excellent private families in the neighborhood of the College. Every effort will be made to arrange for any who may apply either to the Dean or to the President.

Further information in regard to the work of the Women's Classes may be secured, and Catalogues obtained by addressing the undersigned.

LOUIS F. SNOW, A. M.,

Dean and Treasurer.

Women's College, 235 Benefit Street,
Providence, R. I.

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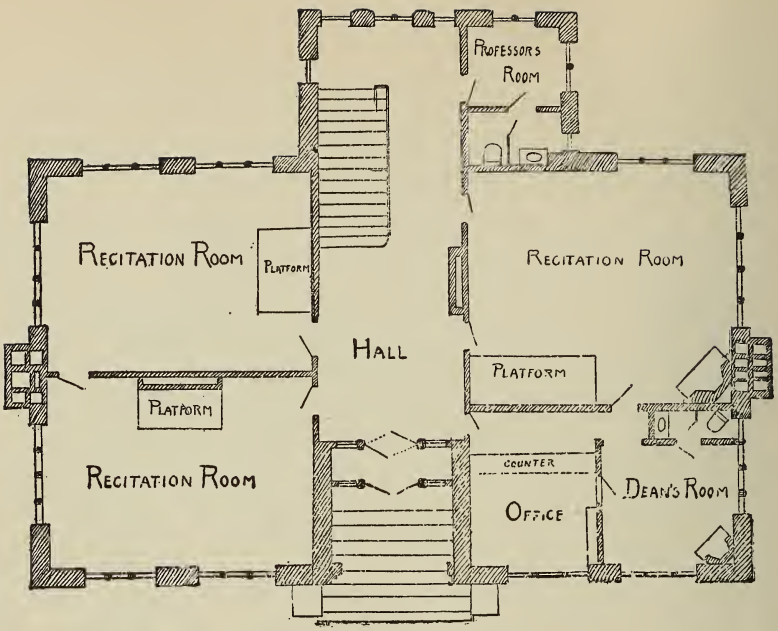
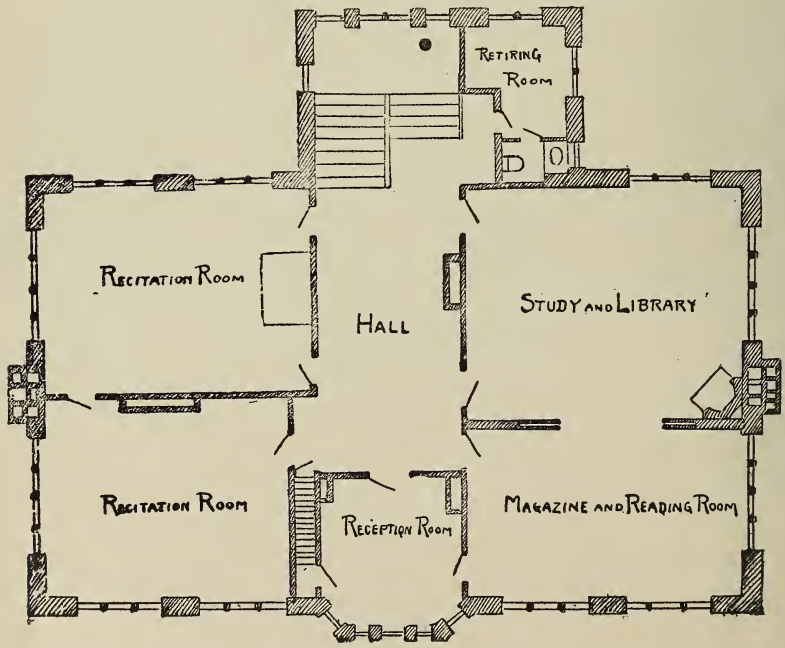
1897-'98

RECITATION HALL



FIRST FLOOR PLAN.



SECOND FLOOR PLAN

WOMEN'S COLLEGE

IN

BROWN UNIVERSITY

ANNUAL

ANNOUNCEMENT

ACADEMIC YEAR 1897-98

PROVIDENCE, R. I.
REMINGTON PRINTING CO., 63 WASHINGTON STREET
1897

ANNUAL ANNOUNCEMENT

By vote of its Corporation on September 2, 1891, Brown University opened all its examinations to women. By a further vote on June 21, 1892, it opened all its degrees to women. By a third vote on June 23, 1892, to women already holding Bachelors' degrees, and to other women of liberal education who may secure special permission, it opened, on the same terms as to men, all those of its courses of instruction which are intended for graduate students.

That is, so far as its graduate department is concerned, the University places women on exactly the same footing as men. In respect to instruction, examinations, and degrees, the two sexes are treated precisely alike. The expenses, too, are the same.

On June 18, 1896, the Corporation voted to provide instruction for undergraduate women as follows :

There is hereby established a department of the University to be known as the Women's College in Brown University.

The President of the University shall be charged with the general direction, supervision and government of this College as of other departments of the University.

The immediate charge of the college in respect to registration, teaching, government and discipline, shall be devolved, subject to the direction of the President, on the Dean of the Women's College, to be elected annually by the Corporation.

The instruction in the Women's College shall be given by the professors and instructors in Brown University.

Brown University examinations shall hereafter be open to women only when they are registered in the Women's College or as graduate students.

The Corporation will receive gifts of money to found scholarships, fellowships and professorships in Brown University for the behoof of its women students, and for the general purposes of the

Women's College, and will hold and administer such funds as separate and distinct from the general funds of the University.

The conditions of women's examinations upon undergraduate work are as follows:

Women take entrance examinations at the same times and places and under the same conditions as men. But women candidates may present certificates in place of entrance examinations, subject to the same conditions which apply to men. All women's examinations in college studies are to be taken at the University, none elsewhere.

To be admitted to advanced examinations, candidates must have passed all entrance examinations, as well as all examinations which cover the work of previous terms.

The subjects for women's examinations, when not identical with those in the courses of instruction given in the University, in all cases closely correspond to them.

The Seventh Academic Year of the Women's College begins Wednesday, September 15, 1897, with Chapel Service in Sayles Hall, at 8.40 A. M. At the close of this the classes will begin their session according to the schedule.

The required studies of the four years will be provided for as indicated below. Only such elective courses are mentioned as it is thought will prove attractive to the majority of the women students. It is specially desirable that election be confined as far as possible to the courses named. Individual preferences in electives may be specially provided for by consultation with the Dean.

Before each University examination period the Dean of this College files with the Registrar of the University a list of all undergraduate candidates for University examinations who are approved by the instructors in the Women's College, thus certifying to the fitness of the candidates to undertake the examinations desired; but no candidate will be approved whose term bill is not paid or satisfactorily arranged for, *at least five days previous to the beginning of each examination period.*

OFFICERS OF INSTRUCTION

With their Titles in Brown University

ELISHA BENJAMIN ANDREWS, D.D., LL. D., PRESIDENT.
Professor of Moral and Intellectual Philosophy.

JOHN HOWARD APPLETON, A. M.
Newport-Rogers Professor of Chemistry.

ALONZO WILLIAMS, A. M.
Professor of the Germanic Languages and Literatures.

WILLIAM CAREY POLAND, A. M.
Professor of the History of Art and Director of the Museum of Fine Arts.

NATHANIEL FRENCH DAVIS, A. M., LL. D.
Professor of Pure Mathematics.

WILLIAM WHITMAN BAILEY, A. M.
Professor of Natural History (Botany).

WINSLOW UPTON, A. M.
Professor of Astronomy and Director of Ladd Observatory.

ALBERT GRANGER HARKNESS, A. M.
Professor of Roman Literature and History.

HERMON CAREY BUMPUS, PH. D.
Professor of Comparative Anatomy and Curator of the Museums.

COURTNEY LANGDON, A. B.
Associate Professor of the Romance Languages and Literatures.

WILFRED HAROLD MUNRO, A. M.
Associate Professor of History and Director of the University Extension.

JAMES IRVING MANATT, PH. D., LL. D.
Professor of Greek Literature and History.

WALTER COCHRANE BRONSON, A. M.
Professor of English Literature.

WALTER GOODNOW EVERETT, PH. D.
Associate Professor of Philosophy and of Natural Theology on the Elton Foundation.

ASA CLINTON CROWELL, PH. D.
Assistant Professor of Germanic Languages and Literatures.

FRANCIS GREENLEAF ALLINSON, PH. D.
Associate Professor of Greek and of Classical Philology.

HENRY PARKER MANNING, PH. D.
Assistant Professor of Pure Mathematics.

HAMMOND LAMONT, A. B.
Associate Professor of Rhetoric and Oratory.

JAMES QUAYLE DEALEY, PH. D.
Assistant Professor of Social and Political Science.

WALTER BALLOU JACOBS, A. M.
Associate Professor of Pedagogy.

CHARLES FOSTER KENT, PH. D.
Associate Professor of Biblical Literature and History.

LOUIS FRANKLIN SNOW, A. M.
Dean of the Women's College.
20 Taber Avenue; Office Recitation Hall, Meeting Street.

JOHN FRANCIS GREENE, A. B.
Instructor in Latin.

ALBERT BUSHNELL JOHNSON, A. M.
Instructor in the Romance Languages.

ALEXANDER MEIKLEJOHN, PH. D.
Instructor in Philosophy.

FREDERICK SLOCUM, A. M.
Instructor in Mathematics.

CHARLES MARSHALL POOR, PH. D
Instructor in German.

GEORGE ABNER WILLIAMS, PH. D
Instructor in Greek.

ROSCOE ADDISON SMALL, PH. D.
Instructor in Rhetoric.

EDWIN COLLINS FROST, A. M.
Instructor in Rhetoric.

ADA GENEVA WING, A. M.
Instructor in Hygiene and Domestic Science.

MARIA STORRS PECK, A. M.
Secretary,
106 George Street.

ADMISSION TO COURSES LEADING TO DEGREES

Pupils from schools of known excellence are admitted to the Freshman Class without examination, on the certificates [not diplomas] of the Principals of these schools. Upon application by the Principal of any school from which pupils are received in this manner, the University furnishes blank forms for these certificates.

The regular examinations for admission to the FRESHMAN CLASS take place on Thursday, Friday, and Saturday, of Commencement week, June 17, 18, and 19, 1897, beginning at 9 o'clock A. M. on Thursday.

These examinations occur in Rhode Island Hall. Candidates must present themselves promptly at the appointed times.

The order of the examinations will be:

THURSDAY, JUNE 17

Greek, South Room, from 9 A. M. to 12.30 P. M.
Latin, North Room, from 2.30 to 6 P. M.
History, for B. P. candidates, North Room, from 9 A. M. to 12.30 P. M.

FRIDAY, JUNE 18

Mathematics, South Room, from 8.15 A. M. to 12.30 P. M.
French, South Room, from 3 to 5 P. M.
German, North Room, from 3 to 5 P. M.

SATURDAY, JUNE 19

English, South Room, from 9 to 11 A. M.

There will be, as follows, a second examination in each of the above branches, on Monday and Tuesday, September 13 and 14, 1897.

MONDAY, SEPTEMBER 13

German, South Room, R. I. Hall, from 9 to 11 A. M.
French, North Room, R. I. Hall, from 9 to 11 A. M.
English, South Room, R. I. Hall, from 11.30 A. M. to 1 P. M.
Mathematics, North Room, R. I. Hall, from 2 to 6 P. M.

TUESDAY, SEPTEMBER 14

Latin, North Room, R. I. Hall, from 8 to 10.30 A. M.
Greek, South Room, R. I. Hall, from 11 A. M. to 1.30 P. M.

For admission to ADVANCED STANDING, unless coming from other Colleges of high standing, candidates are examined in the studies already pursued by the respective classes which they propose to enter. These examinations for 1897 will be held on Monday and Tuesday, September 13 and 14. Students must report at the Dean's Office at 9 A. M. on Monday, September 13. A student from another College must present a certificate of her standing in the College which she has left and of regular dismission from it.

Qualified members of the Freshman Class are matriculated at the beginning of the second term. Till matriculation, all candidates for degrees, however admitted, are regarded as on probation.

1. Entrance Examinations to be Passed by Every Candidate for a Degree

Unless admitted by certificate every undergraduate candidate for a degree in Brown University, whether Bachelor of Arts, Bachelor of Philosophy, Bachelor of Science, Civil Engineer or Mechanical Engineer, is, before entering College, required to pass examination upon a certain amount of Mathematics, upon a certain amount of English, and upon a certain amount either of French or of German.

Of candidates for the degree of Civil Engineer or for that of Mechanical Engineer, no other entrance examinations are required.

The entrance examinations which all candidates for degrees must pass are the following:

A. Mathematics. 1. Algebra, through Equations of the Second Degree, including Arithmetical and Geometrical Progression and the use of the Binomial Formula. 2. Plane Geometry.

B. English. The examination in English consists of two parts, one to test the pupils' General Reading, the other to bring out the results of their more careful Study and Practice in this branch. The entire examination occupies not less than two hours.

Part 1. Reading and Practice. This part of the examination for 1897 will be upon the following works: Shakspere's As You Like It, Defoe's Journal of the Plague Year, Irving's Tales of a Traveler, Hawthorne's Twice Told Tales, Longfellow's Evangeline, and George Elliot's Silas Marner.

The candidate must exhibit a good general knowledge of the subject-matter of each work, and answer simple questions on the lives of the authors. The usual form of examination is the writing of a paragraph

or two on each of several topics, to be chosen by the candidate from a considerable number, perhaps ten or fifteen, named in the examination paper. The treatment of these topics is to test her power of clear and accurate expression. In place of a part or the whole of this exercise, the candidate may be allowed to present an exercise book, properly certified by her instructor, containing compositions or other written work done in connection with the reading.

In 1898, the books for this portion of the examination will be Milton's Paradise Lost, books I and II, Pope's Iliad, books I and XXII, The Sir Roger de Coverley Papers in the Spectator, Goldsmith's The Vicar of Wakefield, Coleridge's The Ancient Mariner, Southey's Life of Nelson, Carlyle's Essay on Burns, Lowell's The Vision of Sir Launfal, and Hawthorne's The House of the Seven Gables.

In 1899, Dryden's Palamon and Arcite, Pope's Iliad, books I, VI, XXII, and XXIV, The Sir Roger de Coverley Papers in the Spectator, Goldsmith's The Vicar of Wakefield, Coleridge's The Ancient Mariner, De Quincey's The Flight of a Tartar Tribe, Cooper's The Last of the Mohicans, Lowell's The Visions of Sir Launfal, Hawthorne's The House of the Seven Gables.

In 1900, Dryden's Palamon and Arcite, Pope's Iliad, books I, VI, XXII, and XXIV, The Sir Roger de Coverley Papers in the Spectator, Goldsmith's The Vicar of Wakefield, Scott's Ivanhoe, De Quincey's The Flight of a Tartar Tribe, Cooper's The Last of the Mohicans, Tennyson's The Princess, and Lowell's The Vision of Sir Launfal.

Part II. Study and Practice. This section of the examination requires a more careful study of each of the works named. It involves subject-matter, form and structure, and also, more particularly than Part I, tests the candidate's ability to express his knowledge with clearness and accuracy.

In 1897, Shakspere's The Merchant of Venice, Burke's Speech on Conciliation with America, Scott's Marmion, and Macauley's Life of Samuel Johnson, will form the list.

In 1898, Shakspere's Macbeth, Burke's Speech on Conciliation with America, De Quincey's The Flight of a Tarter Tribe, and Tennyson's The Princess.

In 1899, Shakspere's Macbeth, Milton's Paradise Lost, books I and II, Burke's Speech on Conciliation with America, and Carlyle's Essay on Burns.

In 1900, Shakspere's Macbeth, Milton's Paradise Lost, books I and II, Burke's Speech on Conciliation with America, Macauley's Essays on Milton and Addison.

Note: Reading parallel and subsidiary to all the above should be encouraged. Students are also recommended to commit to memory as much English poetry as possible. The essentials of Grammar must not be neglected, and no candidate will be accepted in English whose work is notably defective in spelling, punctuation, idiom, or division into paragraphs.

C. French or German. Each candidate for any degree whatever must pass examination either upon a certain amount of French or upon a certain amount of German, but a candidate may present the one or the other of these languages according to her wish. Students who present German for entrance must continue German during the Freshman year, and also take French in their Sophomore year.

For candidates who offer **French** the requirements are as follows:

1. Proficiency in Elementary French Grammar, implying especially, familiarity with the following topics: Inflection of nouns and adjectives in gender and number; the pronominal adjectives; the use of pronouns, especially the forms and positions of personal pronouns; the partitive constructions; the inflection of the regular verbs, and of the more usual irregular verbs, such as *dire*, *faire*, and the classes represented by *ouvrir*, *sentir*, *venir*, *paraître*, *conduire*, and *craindre*.

The mention of these topics is not proposed as restrictive, but is meant rather to emphasize the importance of a thorough grounding of the pupil in those elements on which future good work necessarily depends. Mastery of Professor Whitney's Brief French Grammar will be regarded as sufficient.

2. Ability to translate simple prose at sight.

It is believed that the required facility can be gained by reading concurrently with the work of the Grammar from two hundred to four hundred duodecimo pages out of at least three dissimilar works, but care should be taken not to read works assigned in the college courses.

3. Ability to pronounce French and to recognize French words and simple phrases when uttered.

It is recommended that from the beginning careful attention be given to the fluent and intelligent pronunciation of the French texts used in the class-room.

For students who offer **German** as a preparatory study the requirements are as follows: 1. Proficiency in Elementary German Grammar, implying especially, familiarity with the following topics: Declension of such nouns as are readily classified, of adjectives and pronouns; conjugation of weak and of the more usual strong verbs; the more common prepositions, the simpler uses of the modal auxiliaries; the simpler rules of syntax and of word order.

The mention of these topics is not proposed as restrictive, but is meant rather to emphasize the importance of a thorough grounding of the pupil in those elements on which future good work depends. Mastery of Professor Whitney's Brief German Grammar will be regarded as sufficient.

2. Ability to translate a passage of simple prose at sight, a vocabulary of the less usual words being furnished.

It is believed that the required facility can be gained by reading concurrently with the work in the grammar, two hundred duodecimo pages of easy German, chiefly narrative prose, with a few lyric poems, but care should be taken not to read the works assigned in the college courses.

3. Ability to pronounce German, and to recognize German words and simple phrases when uttered.

It is recommended that from the beginning careful attention be given to the fluent and intelligent pronunciation of the German texts used in the class-room.

Candidates for the degree of Civil Engineer or for the degree of Mechanical Engineer are required to pass only the above entrance examinations.

II. Additional Entrance Examinations to be Passed by Certain Candidates

A. Additional Entrance Examinations to be Passed by Candidates for the Degree of Bachelor of Arts.

Besides the foregoing examinations in Mathematics, English, and French, or German, candidates for admission to the courses leading to this degree are examined in the following subjects. Real equivalents will be received for any of the works mentioned:

I. Greek. 1. Authors: Xenophon's Anabasis entire, or four books of the Anabasis and three of Homer, regard being had not only to language but to subject-matter as well. Two books of the Hellenica may be offered in place of a like part of the Anabasis; and preparation in Homer may be in either Iliad or Odyssey. 2. Grammar: A familiar knowledge of inflection, word-formation and ordinary syntax. 3. Composition: The first twenty-five exercises of Jones' Composition, or Allinson's Composition as far as Part III, or Collar & Daniell's entire. 4. History. The general history of Greece to the death of Alexander.

Candidates are expected to be able to translate at sight simple Attic prose, unusual words being defined, and to write in Greek simple connected narrative based upon the Anabasis or the Hellenica.

II. Latin. 1. Cæsar, Gallic War, books I-IV, or books I-III and Sallust's Catiline, with questions on the subject-matter and on grammar. 2. Ovid, twenty-five hundred lines. 3. Cicero, the orations against Catiline, and the oration for Archias, with questions, as on Cæsar. 4. Vergil, Aeneid, books I-VI, or Aeneid, books I-V and the Eclogues, with questions on the subject-matter and on prosody. 5. Translation at sight, of ordinary passages from Cæsar, Cicero's Orations, Vergil's Aeneid, and Ovid's Metamorphoses, with questions on grammar, prosody, history and antiquities, suggested by the passages assigned. 6. Translation into Latin of simple English sentences. 7. Translation into Latin of a continuous passage of English narrative, prepared from some portion of the prescribed prose. 8. Outline of Roman Geography, and of Roman History to the end of the reign of Marcus Aurelius. It is recommended that pupils be accustomed, from the beginning of their preparatory course, to translate into Latin, both oral and written, passages prepared by the teachers on the basis of the prose authors read.

In pronouncing Latin it is recommended that *ā* be pronounced as in *father*, *ă* as the *a* in *Cuba*; *ē* as in *prey*, *ĕ* as in *men*; *ī* as in *machine*, *ĭ* as in *cigar*; *ō* as in *old*, *ŏ* as in *obey*; *ū* as in *rule*, *ŭ* as in *full*; *j* as *y* in *yard*; *c* always as *k* in *king*; *g* always as *g* in *get*.

Instructors in preparatory schools are urged to insist upon the use of simple and idiomatic English in the translation of Greek and Latin.

Preliminary Examinations in the Classics

In the studies named below, candidates may be examined one year before the time at which they intend to apply for admission to the Freshman Class. These examinations will occur, for 1897, on Thursday, June 17, *and then only*. They will be held in the South Room of Rhode Island Hall, and in the following order:

Greek, from 9 A. M. to 12.30 P. M.
Latin, from 2.30 to 5.30 P. M.

The subjects will be: I. **In Greek:** 1. Greek Grammar. 2. Three books of Xenophon's Anabasis. II. **In Latin:** 1. Latin Grammar. 2. Cæsar, or Cæsar and Sallust, as above. 3. Translation into Latin of simple sentences. 4. Ovid, or Cicero, or Vergil, as above.

B. Additional Entrance Examinations to be Passed by Candidates for the Degree of Bachelor of Philosophy. Besides the examinations in Mathematics, English and French or German already specified, candidates for the degree of Bachelor of Philosophy are examined as follows:

I. Latin. 1. Cæsar, Gallic War, books I-IV, or books I-III and Sallust's Catiline, with questions on the subject-matter and on grammar. 2. Ovid, twenty-five hundred lines. 3. Cicero, the Orations against Catiline, and the oration for Archias, with questions, as on Cæsar. 4. Vergil, Aeneid, books I-VI, or Aeneid, books I-V and the Eclogues, with questions on the subject-matter and on prosody. 5. Translation, at sight, of ordinary passages from Cæsar, Cicero's Orations, Vergil's Aeneid, and Ovid's Metamorphoses, with questions on grammar, prosody, history and antiquities, suggested by the passages assigned. 6. Translation into Latin of simple English sentences. 7. Translation into Latin of a continuous passage of English narrative, prepared from some portion of the prescribed prose. 8. Outlines of Roman Geography.

It is recommended that pupils be accustomed, from the beginning of their preparatory course, to translate into Latin, both oral and written, passages prepared by the teachers on the basis of the prose authors read.

In pronouncing Latin, it is recommended that *ā* be pronounced as in *father*, *ă* as the *a* in *Cuba*; *ē* as in *prey*, *ĕ* as in *men*; *ī* as in *machine*, *ĭ* as in *cigar*; *ō* as in *old*, *ŏ* as in *obey*; *ū* as in *rule*, *ŭ* as in *full*; *j* as *y* in *yard*; *c* always as *k* in *king*; *g* always as *g* in *get*.

Instructors in preparatory schools are urged to insist upon the use of simple and idiomatic English in the translation of Greek and Latin.

Substitute 1. Latin, Minor Requirement. In case of pupils nineteen years of age or over, who offer proof of attainments in general subjects such as a diligent and competent student would derive from two years full attendance at a good high school or academy, the above requirement in Latin is reduced to five books of Cæsar or its equivalent in Cicero, Vergil, or other standard authors. Students offering only this smaller amount of Latin cannot, however, pursue any of the Latin courses in College.

Substitute 2. Greek. Instead of the Latin specified above, whether the full or the minor requirement, candidates for the degree of Bachelor of Philosophy may offer **Greek.** Candidates presenting Greek as a preparatory study will be examined in all the Greek subjects specified above. Students fulfilling this requirement usually wish to pursue Greek in College and are permitted to do so.

Substitute 3. German or French. If they prefer students may present both the French and German mentioned, in which case no Latin examination is required of them.

II. History. Either the general history of Greece to the death of Alexander, with Roman history to the end of the reign of Marcus Aurelius; or the general history of England and of the United States.

C. Additional Entrance Examinations to be passed by Candidates for the Degree of Bachelor of Science. Besides the examination in Mathematics, English and French or German specified above, candidates for the degree of Bachelor of Science are examined in the following:

I. Mathematics. 1. Solid and Spherical Geometry. 2. Plane Trigonometry, with the use of Logarithmic and trigonometric tables.

II. Latin. Five books of Cæsar, or the equivalent thereof in Cicero or in Vergil. *Option:* If the candidate prefers he may present *both* the French and the German specified above, in which case no examination in Latin is required.

III. History. Either the general history of Greece to the death of Alexander, with Roman History to the end of the reign of Marcus Aurelius; or the general history of England and of the United States.

Admission to Special Courses

Pupils are admitted to select courses covering but single terms, and even to work in single branches. Each applicant for registration in such a course must present to the Dean sufficient evidence of her ability to pursue the subject chosen. Also every select student, unless especially excused by the Dean and by the Professor in charge of her course, must prepare for and pass an examination at the completion of her course. To be admitted to advanced examinations, candidates must have passed all entrance examinations, as well as all examinations which cover the work of previous terms.

The Courses of Instruction

Arranged According to Years and Time

Required Studies

FRESHMAN YEAR

1. Of all candidates for all degrees:

*French 1.	3 h.	French 2.	3 h.	French 3.	3 h.
or		or		or	
*German 4.	3 h.	German 6.	3 h.	German 8.	3 h.
Mathematics 1.	5 h.	Mathematics 3.	5 h.	Mathematics 2.	5 h.

2. Of all candidates for the degree of A. B.

Greek 1.	4 h.	Greek 2.	4 h.	Greek 3.	4 h.
Latin 1.	4 h.	Latin 2.	4 h.	Latin 3.	4 h.

3. Of all candidates for the degree of B. P.

Rhetoric 2.	4 h.	Rhetoric 3.	4 h.	Rhetoric 4.	4 h.

4. Candidates for the degree of B. P. may substitute for the above ancient languages from the following:

Botany 1.	4 h.	Botany 2.	4 h.	Botany 3.	4 h.
Comp. Anat. 15.	4 h.	Comp. Anat. 1.	4 h.	Comp. Anat. 2.	4 h.

SOPHOMORE YEAR

Rhetoric 2.	4 h.	Rhetoric 3.	4 h.	Rhetoric 4.	4 h.
German 1.	3 h.	German 2.	3 h.	German 3.	3 h.
or		or		or	
*French A.	3 h.	French B.	3 h.	French C.	3 h.

and sufficient electives to make up sixteen hours per week.

Junior Year

History 1.	3 h.	History 2.	3 h.		
Rhetoric 33.	1 h.	Rhetoric 34.	1 h.	Rhetoric 35.	1 h.

and sufficient electives to make up sixteen hours per week.

Senior Year

Elective studies, fifteen hours per week, may be selected from the Elective List, or by consultation with the Dean on or before September 13.

* [Students who pursue French 1, 2, 3, during Freshman year, must take German 1, 2, 3, during Sophomore year. Those who pursue German 4, 6, 8, during Freshman year, must take French A. B. C. during Sophomore year.]

Elective Studies

English 1.	3 h.	English 2.	3 h.	English 3.	3 h.
German 4.	3 h.	German 6.	3 h.	German 8.	3 h.
German 46.	3 h.	German 47.	3 h.	German 48.	3 h.
French 4.	3 h.	French 5.	3 h.	French 6.	3 h.
French 13.	3 h.	French 14.	3 h.	French 15.	3 h.
Italian 7.	3 h.	Italian 8.	3 h.	Italian 9.	3 h.
Latin 4.	3 h.	Latin 5.	3 h.	Latin 6.	3 h.
Greek 16.	3 h.	Greek 17.	3 h.	Greek 18.	3 h.
History of Art 1.	3 h.	History of Art 4.	3 h.	History of Art 6.	3 h.
Hebrew History 1.	3 h.	Hebrew History 2.	3 h.	Hebrew History 3.	3 h.
				History 3.	3 h.
Astronomy 1.	3 h.	Astronomy 2.	3 h.	Astronomy 6.	3 h
Chemistry 1.	3 h.	Chemistry 2.	3 h.	Chemistry 3	3 h.
Comp. Anat. 15.	4 h.	Comp. Anat. 1.	4 h.	Comp. Anat. 2.	4 h.
Comp. Anat. A.	3 h.	Comp. Anat. B.	3 h.	Comp. Anat. C.	3 h.
Botany 1.	3 h.	Botany 2	3 h.	Botany 3.	3 h.
Mathematics 9.	3 h.	Mathematics 10.	3 h.	Mathematics 12.	3 h.
Social Science 1.	3 h.	Social Science, 2.	3 h.	Social Science 3.	3 h.
Philosophy 2.	3 h.	Philosophy 3.	3 h.	Philosophy 19.	3 h.
Pedagogy 1.	3 h.	Pedagogy 2.	3 h.	Pedagogy 3.	3 h.
Philosophy 5.	3 h.	Philosophy 6.	3 h.	Philosophy 15.	3 h.

COURSES OF INSTRUCTION ARRANGED ACCORDING TO DEPARTMENTS

Philosophy

5. *Theoretical Ethics.* The Moral Ideal. Three hours. First Term.

6, 15. *Practical Ethics.* Three hours. Second and Third Terms. Elective for Juniors, Seniors and Graduates.

2, 3. *Psychology.* General Synthetic Course. Three hours. First and Second Terms respectively. Elective for Juniors and Seniors.

[36, 37. 38. *Philosophical Introduction.* An elementary course on the main problems of Philosophy and their typical solutions, intended to acquaint the student with the standpoint and method of philosophical discussion and to introduce him to the literature of the subject. Three hours. First, Second and Third Terms. Elective for Juniors and Seniors.] Omitted 1897-98.

[8. *History of Greek Philosophy.* Three hours. First Term. Elective for Juniors, Seniors and graduates.

9. *History of Mediaeval and Early Modern Philosophy.* Three hours. Second Term. Elective for Juniors, Seniors and graduates who have passed in Course 8.

10. *History of Recent aud Contemporary Philosophy.* Three hours. Third Term. Elective for Junior, Seniors and graduates who have passed in Courses 8 and 9.] Omitted 1897-98.

19. *Logic.* Three hours. Third Term. Elective for Sophomores, Juniors and Seniors.

Pedagogy.

1. History of Educational Theories and Institutions. Three hours. First Term.
2. The Institute of Pedagogy. Three hours. Second Term.
3. Practical Pedagogy. Three hours. Third Term.

Elective for Seniors.

Greek Literature and History

1. *Lysias.* Practice in sight-reading and in hearing and speaking Greek, on the basis of the text in hand. Four hours. First Term. Required of candidates for the degree of Bachelor of Arts.

2. *Herodotus and Thucydides.* Practice in sight-reading and in using Greek, as above. Four hours. Second Term. Required of candidates for the degree of Bachelor of Arts.

3. *Homer.* The Odyssey. History of Greek Literature. The Homeric Question. The Life of the Heroic Age as revealed in the Poems and illustrated by ancient archæological research. Practice in sight-reading and in rendering into Attic Prose. Four hours. Third term. Required of candidates for the degree of Bachelor of Arts.

One hour a week in the above courses is devoted to Greek Composition and History.

16. *Plato's Republic.* Reading critically, selections or, Book X, and rapid reading with class *from the Greek text* of the more important parts of Books I-X. The Agamemnon of Aeschylus (or the Antigone of Sophocles) with rapid reading, as above, of other plays. Elective for Sophomores, Juniors, and Seniors. Three hours. First Term.

17. *Greek Tragedy.* Sophocles: The *Ajax* and *Electra* in the original, the other plays interpreted by the instructor or read in English. History of the Drama and Archaeology of the Greek Theatre. Elective for Sophomores, Juniors and Seniors. Three hours. Second Term.

18. *Greek Tragedy*, continued. Euripides: The *Alcestis* and *Iphigeneia in Aulis* or *Bacchae* in the original; other plays interpreted to the class or read in English. [For this may be substituted a course in Homer or Theocritus]. Elective for Sophomores, Juniors and Seniors. Three hours. Third term.

Through the courtesy of the department and with the consent of the President, students of the Women's College are permitted to attend advanced and seminary courses at the University on recommendation of the Dean.

Roman Literature and History

1. *Livy.* Early Roman History. Four hours. First Term. Required of A. B. candidates.

2. *Cicero.* Letters. Cicero and his Times. Four hours. Second Term. Required of A. B. candidates.

3. *Tacitus.* Germania and Agricola. History of the Early Empire. Four hours. Third Term. Required of A. B. candidates.

[7. *The Origin of Latin Poetry and the Development of the Drama.* Readings from Plautus and Terence. Three hours. First Term. Elective for all students who have passed with credit courses 1, 2, 3.

8. *The Poetry of the Republic continued and the Poetry of the Augustan Age.* Readings from Lucretius and other Authors of this period. Three hours. Second Term.

9. *The Poetry of the Silver Age.* Readings from Authors of the period. Three hours. Third Term.] Elective for all students who have passed with credit courses 1, 2 and 3. Omitted in 1897-98.

[11. *Prose of the Republican Period.* The Development of Oratory. Readings from specimens of Early Latin, from Cicero's Brutus, and from Quintilian. Three hours. First Term.

12. *Prose of the Augustan Age.* The Development of Historical Writing: Readings from the Historians. Three hours. Second Term.

13. *Prose of the Silver Age.* Roman Philosophers. Readings from Seneca and from other authors of this period. Three hours. Third Term. Elective for all students who have passed with credit courses 1, 2, 3.] Omitted 1897-98.

14. *Horace.* Odes and Epodes. Ovid's Lyrics. Lectures on Lyric Poetry. Three hours. First Term.

5. *Catullus, Tibullus and Propertius.* Lyric Poetry continued. Three hours. Second Term.

6. *The Satires of Horace and Juvenal.* Roman Life. Three hours. Third Term. Elective for all students who have passed with credit courses 1, 2, 3.

Through the courtesy of the department and with the consent of the President, students of the Women's College are permitted to attend certain seminary courses on recommendation of the Dean.

The Fine Arts

History and Criticism

1. *Ancient Art or Classical Archaelogy.* General course in the history of Ancient Art, chiefly Greek and Roman. Text-book. Lectures, illustrated by casts, lantern views, photographs, and engravings, with collateral reading. Three hours. First Term. Elective for Juniors, Seniors and graduates.

4. *Early Christian and Mediæval Art.* This course includes some notice of Byzantine, Arabian and Oriental Art, (Persia, India, China, Japan), and more particularly a study of Romanesque and Gothic Art, Text-book and lectures, illustrated by lantern views. Three hours. First Term. Elective for Juniors, Seniors and graduates.

6. *The Art of the Renaissance.* Text-book and lectures, illustrated by lantern views. Three hours. Third Term. Elective for Juniors, Seniors and graduates.

The above courses (1, 4, 6), may be taken independently of each other, but students are advised to elect all three, as they present a consecutive

outline of the history of the most important epochs of Art. Course 1 is so important, not only in itself, but as preparatory to the study of Art in all periods, that students are strongly advised to take it, when possible, before taking any other course in the History of Art.

Rhetoric

2, 3, 4. Practical Rhetoric. Four hours. Through the year. Required of all Sophomores who have not taken the subject in the Freshman year and of Freshmen on the B. P. Course.

33, 34, 35. Argumentative Composition. One hour Through the year. Required of all Juniors. There will be no drill in oral delivery, but simply in written argumentative composition. Lectures will be given containing practical suggestions on the art of argumentation, as well as comments on defects common in argumentative work, and criticism of arguments written by the students themselves. The students will be expected to present a brief based upon a masterpiece of argumentative composition, and then four arguments preceded by briefs. The subjects will be taken from the current discussions in the public prints and from the various college courses. Thus by a proper choice of topics students may make their work in argument help them to a knowledge of public questions or of the studies in which they are specially interested. Each argument is to contain between 1,000 and 1,500 words. The briefs will be criticised in detail by the instructors and returned to the students in time for them to profit by the correctlons in writing the arguments. The arguments will also be criticised in detail. Consultation hours will be arranged, so that there will be opportunity for frequent personal conferences on the work of the course.

English Literature and Language

Courses announced in groups are continuous. Thus a student cannot take English 5 without having taken English 4. Nor can he take English 6 without having taken English 4 and 5. The same principle applies to all courses similarly grouped. In all other instances prerequisites for admission to a course are especially announced.

1, 2, 3. English Literature. Elementary Course. Designed as a preparation for the more advanced courses, and also as a general course for students who do not intend to pursue the subject of English Literature further in college. The work will be of two kinds: *a*. Critical: training in careful reading; study of the elements of literary form. *b*. Historical: rapid reading in the principal poets and prose-writers from Spenser to Tennyson; lectures, supplemented by a text-book, on authors and periods. Three hours. Through the year. Elective for Sophomores and Juniors, and for Seniors who have taken no literary course in the English department. Students who have not taken 1, 2, 3, or some other literary course, will not be admitted to the more advanced courses in English Literature. The Linguistic courses will still be open to them.

[4, 5, 6. Shakspere. Linguistic Course. Three hours. Through the year. Elective for Juniors and Seniors. May be taken two years in succession.] Omitted 1897-98.

[31, 32, 33. English Literature from Dryden to Cowper, exclusive of the Novel. In this course the great men will be studied, and such of the lesser men as are especially characteristic of their time. Some stress will be laid on political and social conditions, the state of the reading public, and similar topics. The course will be a careful general survey of the field. The student will be held to methodical and careful reading. Three hours. Through the year. Elective for Juniors and Seniors.] Omitted 1897-98.

[English 56, 57, 58. English poetry from Spenser and Milton, inclusive. Three hours. Through the year. Open to those who have taken 31, 32, 33, or its equivalent, and to those who have passed in 1, 2, 3, with marked credit.

The better part of the first term will be devoted to Spenser; the better part of the last term to Milton. The intervening time will be devoted to representative poets of the period covered, Sidney, Dunne, Herrick, etc. These poets will be studied rather from the literary than the historical standpoint.] Omitted 1897-98.

History

1. *General Mediæval History of Europe.* Recitations and lectures, reports by members of the class, and supplementary readings. Three hours. First Term. Required of all Juniors.

2. *General Modern History of Europe.* Methods as indicated under Course 1. Three hours. Second Term. Required of all Juniors.

3. *The Reformation.* Third Term. Elective for Juniors, Seniors and graduates.

[15. *Islam and the Crusades.* Recitations, informal lectures and supplementary reading. Three hours. First Term.

11. *The Renaissance.* Three hours. Second Term.

16. *The French Revolution.* Three hours. Third Term. Elective for Juniors and Seniors.] Omitted 1897-98.

Through the courtesy of the department and with the consent of the President, students of the Women's College are permitted to attend the advanced classes at the University, on recommendation of the Dean.

Hebrew History and Literature.

1, 2, 3. *The Hebrew People.* Study of the political, social and religious development and life of the Hebrew people from the settlement in Canaan to the conquest by the Romans. Investigation of the date, authorship and thought of the different Old Testament Books in the light of the conditions

under which they were written. The course is especially intended to meet the needs of the general student of art, history, social science and literature. Revised Version of the Old Testament and Kent's History of the Hebrew People, Vols. I, II. Three hours. Throughout the year. Elective for Sophomores, Juniors and Seniors.

Social Science

1. *The Principles of Sociology.* With a study of Primitive Civilization. Lectures. Three hours. First Term. Elective for Juniors and Seniors.

2. *Social Problems and Conditions.* The Family, Marriage, Divorce; Charity, Penology, Pauperism, Criminology; Immigration, Intemperance, Education. Lectures. Three hours. Second Term. Elective for Juniors and Seniors.

3. *Social Problems and Conditions.* Continuation of Course 2. Also Studies into Questions of Labor, Municipal Government and Social Legislation. Lectures. Three hours. Third Term. Elective for Juniors and Seniors.

Political Science

[1. *The State.* Origin, development, conditions, forms, end, and functions. Recitations, lectures, exercises. Three hours. First Term. Elective for Juniors and Seniors.

4. *United States Constitutions.* National and local constitutions and institutions. Three hours. Second Term. Elective for those who have taken Course 1.

2. *Comparative Study of Constitutions.* Especially those of the United States, Germany, France, Switzerland, England. Lectures and exercises. Three hours. Third Term. Elective for those who have completed Course 1.] Omitted 1897-98.

Germanic Languages and Literatures

1. *Elementary Course.* Harris's German Reader, Thomas's Practical German Grammar. Three hours. First Term. Required of all Sophomores who did not present German for entrance.

2. *Intermediate Course.* Grammar, composition, conversation. Translation of selections in prose and verse from Goethe, Uhland, Schiller, Freytag, Benedix, Heyse. Three hours. Second Term. Required of all Sophomores who did not present German for entrance.

3. *Nineteenth Century Prose.* Reading at sight. Grammar, composition, conversation. Three hours. Third Term. Required of all Sophomores who did not present German for entrance.

4. *Schiller. Jungfrau von Orleans* and *Balladen und Romanzen.* Lectures. Essays. Three hours. First Term. Elective for students who have passed in Courses 1, 2 and 3.

6. *Lessing as Dramatist. Emilia Galotti, Minna von Barnhelm, Nathan der Weise.* Lectures. Essays. Three hours. Second Term. Elective for students who have passed in Course 4.

8. *Goethe. Iphigenie auf Tauris, Die Leiden des jungen Werthers.* Lectures. Essays. Three hours. Third Term. Elective for students who have passed in Course 6.

46, 47, 48. *Goethe's Faust, Parts I. and II.* Lectures. Essays. Three hours. Through the year. Elective for students who have passed in Course 6.

Through the courtesy of the department and with the consent of the President, students of the Women's College are permitted to attend the advanced classes in German Literature, Middle High German, Gothic and Old Norse, at the University, on recommendation of the Dean.

Romance Languages and Literatures

French

A. B. C. *Elementary Course.* Grammar, composition and the reading of easy selections in modern French. Three hours. Through the year. The equivalent of the Elementary French required for admission. Required of all Sophomores who offer for admission German instead of French.

French 1, 2, 3. *Modern Novels and Plays.* Three hours. Through the year. Required of Freshman Class.

French 4, 5, 6. *Advanced Course* will cover both the Classic and the Romantic School, Molière and Victor Hugo receiving special attention. Three hours. Through the year.

13, 14, 15. *Practice in Writing and Speaking French.* Three hours. Through the year. Elective for all who have passed with credit in French 1, 2, 3.

Italian

[1, 2, 3. *Introductory Course.* Grammar, composition and the reading of modern stories and plays. Three hours. Through the year. Elective for Sophomores, Juniors and Seniors.] Omitted 1897-98.

7, 8, 9. *Dante in English.* The whole of the *Divina Commedia* studied in English. Comparative study of this poem with Vergil's Aeneid, Milton's Paradise Lost, Goethe's Faust and Browning's The Ring and the Book. Two hours. Through the year. Elective for Juniors and Seniors at the instructor's discretion.

Mathematics

1. *Geometry. Solid and Spherical.* Wells' Elements of Geometry, with original propositions. Five hours. First Term. Required of all candidates for the degree of Bachelor of Arts and Bachelor of Philosophy.

3. *Trigonometry, Plane and Spherical.* Wells' Trigonometrics. Five hours. Second Term. Required of all candidates for the degrees of Bachelor of Arts and Bachelor of Philosophy.

2. *Algebra.* Wells' College Algebra. Five hours. Third Term. Required of all candidates for the degrees of Bachelor of Arts and Bachelor of Philosophy.

9. *Analytic Geometry.* Bowser's Analytic Geometry. Three hours. First Term. Elective for those who have taken Courses 1, 2 and 3. Required of candidates for the degree of Bachelor of Science.

10. *Analytic Geometry.* Bowser's Analytic Geometry. Three hours. Second Term. Elective for those who have taken Course 9. Required of candidates for the degree of Bachelor of Science.

12. *Differential Calculus.* Rice and Johnson's Differential Calculus. Three hours. Third Term. Elective for those who have taken Courses 9 and 10. Required of candidates for the degree of Bachelor of Science.

Through the courtesy of the department and with the consent of the President, students of the Women's College are permitted to attend the advanced classes at the University, on recommendation of the Dean.

Chemistry

1. *Descriptive Chemistry.* Non-metals. Three hours. First Term. Elective for Sophomores.

2. *Descriptive Chemistry.* Metals. Continuation of Course 1. Three hours. Second Term. Elective for Sophomores.

3. *Descriptive Chemistry.* Carbon compounds. Continuation of Course 2. Three hours. Elective for Sophomores.

The Courses 1, 2 and 3, called Descriptive Chemistry, include also Experimental and Theoretical Chemistry. Instruction is given by text-books, by lectures, and by individual laboratory work on the part of the student. The lectures are illustrated by experiments and colored charts and by blackboard exercises.

Physics

[1, 2, 4. *General Course.* Lectures illustrated by experiments, with occasional written examinations and problems. Three hours. First Term, Mechanics and Acoustics. Second Term, Optics and Radiant Heat. Third Term, Heat and Electricity. Elective for Sophomores and Juniors. Open only to those who have passed with credit Mathematics 1, 3, 2.] Omitted in 1897–98.

Astronomy

1. *General Astronomy.* Young's General Astronomy, with lectures. Three hours. First Term. Elective for Sophomores, Juniors and Seniors.

2, 6. *General Astronomy, continued.* Three hours. Second and Third Terms. Elective for those who have passed in Course 1.

Comparative Anatomy

15, 1, 2. *Introductory Biology.* [*Anatomy, Physiology and Hygiene.*] Four hours, six hours' attendance.

Though this course is planned for those desiring only a general knowledge of these subjects, it should be elected by those intending to pursue the more special courses to be offered by the department.

The student will gain a knowledge of the gross and minute anatomy of the human body sufficient for the understanding of the functions of the nervous, respiratory, digestive, circulatory, secretory, excretory, and reproductive systems.

The frog and the cat will be dissected and the laboratory work supplemented by the use of anatomical preparations of the human body and by the other resources of the University, museum and laboratory. Incidentally the student will become familiar with the use of the microscope and other laboratory apparatus.

Hygiene and sanitary science, e. g.—the application of biological principles to daily life, will receive especial attention.

Elective for B. P. Freshmen and for Sophomores, Juniors and Seniors.

A, B, C. *Hygiene and Home Sanitation.* The following topics will be considered: The chemistry, digestion and economics of food; the impurities of air and water; the relation of bacteria to health and disease; disinfection and the restriction of communicable diseases; emergencies and home nursing. The situation, drainage, plumbing, heating, lighting and ventilation of houses and other questions of home sanitation will receive attention. Certain hospitals will be visited and lectures and demonstrations will be given by nurses and physicians. Three hours. Through the year. Elective for Sophomores, Juniors and Seniors.

Botany

1, 2, 3. *Vegetable Morphology.* Elective for Freshmen who are candidates for the degree of Bachelor of Philosophy. Four hours. Elective for Sophomores. Three hours.

Physical Culture

Arrangements have been made whereby the privileges connected with the new and elegant gymnasium of the Providence Athletic Association are open to the students of the Women's College on Tuesdays and Fridays, from 2 to 3 P. M., from October 1 to April 1.

Systematic exercise is taken under the personal supervision of a competent instructor.

Suggestions for a Course Preparatory to Teaching

Proper preparation for Teaching requires (1) a general preparation which shall make possible a broad view of the field, so that the general subject-matter of each department of instruction may be clearly defined; (2) special preparation in those subjects which it is the purpose to teach; (3) the pursuit of those studies which are professional in character and which make plain the aim, means and method of education in general, and of instruction in special subjects in particular.

I. General Preparation:

Every teacher should have a thorough course in English.

Every teacher should have knowledge of at least the elements of the fundamental subjects of instruction.

Latin { Greek } French German Mathematics History
Physics Chemistry

Also of at least one of the following:

Botany Zoology Geology Astronomy

II. Special Preparation:

Any subject may be chosen. However, as teachers are usually required to teach or at least be prepared to teach in more than one subject, if there is specialization in any subject in the following groups, the other subject or subjects in that group should receive special attention.

1. { Latin / Greek } 2. { French / German } 3. { History / Social or Political Science, Political Economy }

4. { Physics / Chemistry } 5. { Botany / Zoology / Geology }

Specialization in English should be accompanied by specialization in any of the groups, particularly groups 1, 2 and 3.

Specialization in Mathematics is particularly appropriate to specialization in the sciences, and *vice versa*.

III. Professional Studies.

Psychology	2, 3.	Junior.
Logic	19.	Junior.
Ethics	5, 6, 15.	Senior.
Pedagogy	1, 2, 3.	Senior.

For those who wish to fit themselves for positions as superintendents or heads of educational institutions, courses in Philosophy and in Social and Political Science are especially valuable.

IV. Graduate Course.

The Graduate Course in Pedagogy is arranged for those who wish a more thorough preparation for their work than the above suggestions offer. Pedagogy 4, 5, 6; 7, 8, 9; 10, 11, 12, constitute a major course for the degree of Master of Arts. It is recommended that the subject in which the candidate proposes to give instruction as a teacher, be chosen for a minor.

Expenses

The charges heretofore made for examinations are hereby abolished. Students at the Women's College hereafter pay the same amount as other students of the University.

For Tuition: Each full course of studies at the Women's College involving the usual sixteen hours of class room attendance and instruction a week costs $105.00 per year.

No deduction in tuition is made on account of absence.

For Incidentals: Students in the Women's College pay the same fees as other undergraduate members of the University for incidental expenses, $45.00 per year.

One-half of the tuition and of the incidental expenses are to be paid in advance. The remainder is due January first. Laboratory expenses, etc. to be paid two weeks before the close of a term.

Matriculation: Every member of the Freshman Class pays, upon admission to the College, a matriculation fee of $5.00.

Graduation: Every member of the Senior class pays at the close of her course a fee of $8.00 for her diploma and other expenses connected with graduation.

Select Students at the Women's College are charged $10.00 per term for each course holding three recitations per week. Laboratory charges are in addition to this.

For expenses in connection with the Graduate Department see Brown University Catalogue.

All students, graduate or undergraduate, who take the courses specified below, pay the following special sums:

1. In Chemistry

Candidates for a University degree who take Courses 1, 2 or 3 in Chemistry are charged as follows: For Course 1, $1.00; for Course 2, $2.00; for Course 3, $3.00. They also have a special charge for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed $2.00 per term.

Special students who take no University studies except Courses 1, 2, 3 in Chemistry, pay for these $10.00 per term. In addition, they are charged for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed $2.00 per term.

Students who are candidates for a University degree and take advanced courses in Analytical Chemistry are charged per term, in addition to the regular University dues, the sum of $10.00 for a three hour course in the Laboratory, and $20.00 for a six-hour course in the Laboratory. In addition, they are charged for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed $3.00 per term.

Special students who take no University studies except advanced courses in Analytical Chemistry are charged varying sums according to the nature of the courses taken. In an individual case the charge is at the rate of $4.00 per term for one hour per week of actual attendance in the Laboratory. In addition, they are charged for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed $5.00 per term.

Special students engaging places in the Laboratory must each pay for a full term. No deductions are made on account of absence.

2. Physics

Candidates for a degree who study in the Physical Laboratory pay, in addition to the regular University dues, a fee of $5.00 per term.

3. In Botany

Students who take Courses 1, 2, 3 in Botany pay, in addition to the regular University dues, a fee of $1.00 per term.

Students taking courses 4, 5, 6 pay, in addition to the regular dues, a fee of $2.00 per term.

4. In Comparative Anatomy

Students in Comparative Anatomy pay, in addition to the regular dues, a fee of not less than $2.00 or more than $5.00 per term for each course.

Scholarships and Premiums

The Sarah E. Doyle Scholarship for young women, consisting of one thousand dollars, has been founded by the lady whose name it bears, the income to be applied toward the payment of the tuition of students in the Women's College who have been prepared for college in the Providence High School.

The sum of one thousand dollars has been paid to the Treasurer of the University to be known as "The Sarah Sutton Scholarship for young women, founded by one of her eight daughters." The donor reserves the right to nominate candidates for this scholarship for a certain number of years.

The Rhode Island Women's Club annually devotes the income of its Churchill Fund toward the payment of the tuition of some worthy student in the Women's College.

The Gaspee Chapter Daughters of the American Revolution Prize of forty dollars, offered by the Gaspee Chapter of D. A. R., is to be paid annually to that student in the Graduating Class of the Women's College who shall present the best essay upon some

topic in American history. The topic for the year 1896–97 was "The Tories of New England and their Cause." Miss Ruth Story Devereux was the successful competitor. The topic for the year 1897–98 is "The Southern Campaigns of General Greene." The essays are to bear each an assumed name, but to be accompanied each by an envelope marked with such assumed name and enclosing a sheet of paper with the candidates real name and address. The essays must be handed to the Dean of the Women's College before May 1, 1898. The award will be announced on Commencement Day, when the topic for the ensuing year will be named.

The students of the Women's College are entitled to compete in all examinations for premiums and prizes offered by Brown University. (See Catalogue p. 203.) Women candidates successful in first premium contests receive collateral prizes awarded by the Dean.

Boarding

Ladies from a distance wishing to avail themselves of the educational opportunities offered by the University can find homes in excellent private families in the neighborhood of the College. Every effort will be made to arrange for any who may apply either to the Dean or to the President.

Further information in regard to the work of the Women's Classes may be secured, and Catalogues obtained by addressing the undersigned.

LOUIS F. SNOW, A. M.,

Dean.

Women's College, Meeting Street,
Providence, R. I.